

TI EXPRESS CATALOG

Data Terminals, Printers, Professional Computers. Options/Upgrades and Supplies.



Catalog Information

Convenient & responsive

TI EXPRESS is the convenient, direct way to purchase quality products for use in your working environment. In this edition we have added more options and upgrades, made printers, data terminals and PC's available, and introduced a new group of workstation supplies and accessories.

Toll-free ordering

Call 1-800-TI-PARTS between 8:00 AM and 7:00 PM Central Time, Monday thru Friday. Your phone order will be processed immediately. The best times to call are first thing in the morning or during the late afternoon hours.

Note: If you have any questions about what other material and services are available through TI EXPRESS, please call our order specialists at 1-800-TI-PARTS.

Please have the following information ready when you call to place your order:

- Customer code number (upper right hand corner of mailing label)
- Part Number of the item you wish to order
- Quantity of each item
- Payment method (Check, money order, or approved credit card)
- "Ship to" address

Fast shipment

Orders routinely ship within 48 hours. If you do not have an approved open account or provide payment when placing your order, please expect a delay of up to 5 working days. Pay by personal check, bank draft, money order, or charge your purchase to your MasterCard, American Express or Visa. We cannot be responsible for cash sent through the mail. No C.O.D.'s accepted. You can also mail in your order by using the order form located in the back of this catalog.

Terms

Prepaid orders (check, money order, or credit card) are subject to a non-refundable \$5.00 shipping and handling charge. Where the cost of shipping exceeds this minimum charge, actual freight costs will be charged. Special handling, air shipments, or other unusual requirements specified by the customer will be charged to the customer.

While subject to availability, items are planned for off-the-shelf shipment of routine orders for reasonable quantities. Any items ordered in quantities exceeding the following guidelines will be reviewed and given the best possible schedule:

Assemblies, Options, Upgrades,
and Kits 3 each
Cables and Printheads 5 each

All orders are subject to initial and continuing credit approval.

Pricing information

Prices shown in this catalog are effective July 15, 1985. Prices are subject to change without notice and are based on Texas Instruments Standard Terms and Conditions.

Applicable discounts for options/upgrades and supplies. Data Terminals, Printers and TI Professional Computers are not eligible for discounts through TI EXPRESS.

Warranty information

The warranty for parts and labor for the products listed herein is for a period of ninety (90) days from the date of shipment from TI. Assemblies sold are new or reconditioned.

This warranty is extended only to the original purchaser of products who qualifies as a consumer. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so limitations or exclusions may not apply to you. A full statement of TI's warranties, remedies, and limitations of damages is contained in TI's Standard Terms and Conditions or in your Quantity Purchase Agreement with Texas Instruments.

Texas Instruments reserves the right to change its product and service offerings at any time by adding or deleting items or by changing the specifications of existing items without prior notice.

How to use this catalog

This edition of the TI-EXPRESS catalog includes a wide selection of options and upgrades, supplies and accessories that can be used for your Texas Instruments Data Terminal, Printer and Computer. Included in this catalog is a supplement that outlines the software we sell for the Texas Instruments Family of Professional Computers (TIPC/TIPPC, ProLite™, and Business Pro™). Take a couple of minutes and see the new products we have added to our offering along with our new line of workstation accessories. That overview should give you a good overall feel for what we sell as well as give you an idea of how these products could help improve your productivity. Call us toll-free at 1-800-TI-PARTS to place your order or if you have any questions or suggestions about what is presented in this catalog.

An important consideration

The hardware offered in this catalog, as well as the programs that TI has provided for use with some of these products, are tools that can help people better manage the information used in their business; but tools cannot replace sound judgment or make the manager's business decisions. Consequently, TI cannot warrant that its products are suitable for any specific customer application. The manager must rely on personal judgment of what is best for his or her business.

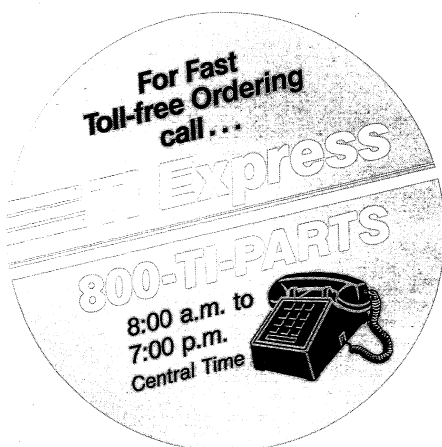


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Data Terminals

Models 703/707 Data Terminals

Designed to give you fast, easy access to your computer, the 707 and 703 have built-in 80/132 column bidirectional printers and more.

Model 703

- Connects direct to a computer
- Full ASCII keyboard
- RS-232C serial interface
- 45 character per second printer

Model 707

- Portable, fits in half a briefcase
- Built-in battery pack
- Full ASCII keyboard
- Bell 103-compatible modem
- 45 characters per second printer
- Auto Access Cartridge provides automatic dial and log-on to a computer
- Editing buffer cartridge



See thermal paper on page 10

Model 703/707 Data Terminals

Description	Part Number	Shipping Wt.	Sugg. Price
703 KSR	2310503-0001	8 lb.	595.00*
703 RO	2245584-0001	8 lb.	495.00*
707 KSR	2310507-0001	8 lb.	695.00*
707 RO	2245585-0001	8 lb.	595.00*
Options/Upgrades			
Transformer, Wall Mount	2310442-0001	2 lb.	27.00
Battery Set (707)	2310446-0001	2 lb.	95.00
Carrying Case	2310470-0001	3 lb.	75.00
Acoustic Coupler (707)	2310518-0001	2 lb.	100.00
Auto Access Cartridge	2310530-0001	1 lb.	100.00
Editing Buffer Cartridge	2310666-0001	1 lb.	150.00
Supplies			
Thermal Printhead	2310472-0001	1 lb.	25.00
Thermal Printing Paper 216 mm x 30 m (8.5 in x 100 ft.)	0972603-0001	24 lb.	56.40 /Case
Thermal Printing Paper, Perforated 216 mm x 30 m (8.5 in x 100 ft.)	0999415-0001	24 lb.	98.40 /Case
Cable			
EIA Bell 103 (703)	2207634-0001	1 lb.	30.00
Manuals			
Maintenance	2310453-0001	4 lb.	25.00
Operator's (703)	2310478-0001	1 lb.	15.00
Operator's (707)	2310582-0001	1 lb.	15.00
Auto Access Reference Card	2310611-0001	1 lb.	15.00

*Discounts not applicable through TI EXPRESS.



Printers

Texas Instruments Model 810 Receive-Only Printer

Recognized as the industry standard for reliability, the 810 produces high quality originals and up to five clear, legible copies.

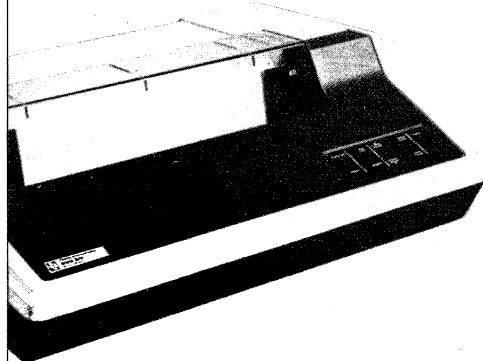
Options/upgrades such as vertical forms control, compressed print and near letter quality give you the flexibility to fit your 810 printer to your specific application. All of these items are available directly from Texas Instruments through TI EXPRESS 1-800-TI-PARTS. Call today!

Standard features include:

- 9 × 7 dot matrix character font
- 132-column wide adjustable carriage
- 10 characters-per-inch horizontal pitch
- Operator-selectable printing of 6 or 8 lines per inch
- Selectable auto perforation skipover
- Remotely programmable forms length up to 112 lines
- Rear and bottom paper feed

Optional features include:

- Full ASCII character set
- Expanded character printing
- Compressed character printing
- Near letter quality and raster graphics
- Vertical forms control



Model 810 Printer

Description	Part Number	Shipping Wt.	Sugg. Price
Basic 810	0994292-0001	63 lb.*	1645.00**
810 Package Includes: Basic 810, full ASCII character set, EIA RS-232-C interface in standard configuration, vertical forms control & compressed print	2360013-0001	63 lb.*	1905.00**
Options/Upgrades			
Character Set Expanded, 5 CPI w/o VFC	0994395-0008	1 lb.	100.00
Character Set U.S. Full ASCII w/o VFC	0994395-0019	1 lb.	100.00
Character Set Expanded, 5 CPI w/VFC	0994395-0108	1 lb.	100.00
Character Set U.S. Full ASCII w/VFC	0994395-0119	1 lb.	100.00
TI Parallel Interface Kit	0994401-0003	1 lb.	75.00
TTY Interface (Current Loop)	0994402-8001	1 lb.	150.00
Tear Bar Option	0994509-0002	4 lb.	40.00
Line Buffer Bd. EIA (LBE)	0994511-8001	2 lb.	200.00
Line Buffer Bd. TTY (LBT)	0994512-8001	2 lb.	200.00
Line Buffer Bd. PLL (LBP)	0994513-8001	2 lb.	200.00
Left and Right Paper Tractors	2220316-0001	1 lb.	45.00
RS422 I/F Option Kit	2230789-8001	2 lb.	125.00
Near Letter Quality	2360091-8002	5 lb.	750.00
Supplies/Accessories			
Paper Tray, Machine Mounted	0994442-0002	2 lb.	25.00
Paper Tray, Stand Mounted	0999839-0001	6 lb.	25.00
Printer Stand	0999841-0001	19 lb.	75.00
Impact Printhead	2217374-0002	1 lb.	125.00
Printer Ribbon (13mm × 36.6m) Box of 6	2246601-0002	3 lb.	27.00
Cables			
103/113 Data Set	0993204-0001	1 lb.	30.00
202/212 Data Set EIA	0993205-0001	1 lb.	30.00
Power Cord	0996289-0001	1 lb.	8.00
EIA Peripheral (4m)	2230504-0001	2 lb.	75.00
Printer, COMM/EIA	2303080-0001	2 lb.	125.00
Manuals			
Operator's (810)	0994353-9701	1 lb.	10.00
Maintenance (810)	0994386-9701	7 lb.	60.00

*Cannot be shipped via UPS.

**Discounts not applicable through TI EXPRESS.

Printers

Models 820 KSR Terminal and 820 RO Printer

The Model 820 Keyboard Send-Receive Data Terminal and 820 Receive-Only Printer multicopy impact terminals combine high-speed, quality printing with the field-proven reliability of TI's OMNI 800 Family.

Standard features include:

Printer Features

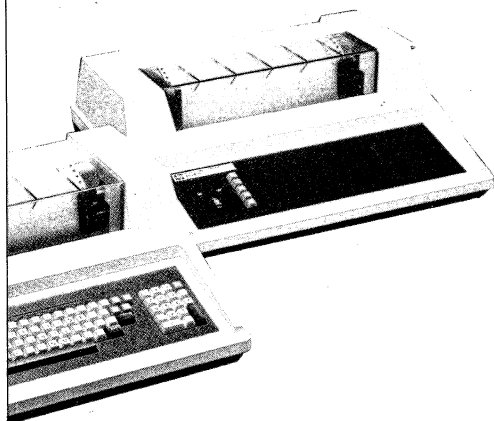
- 150 character-per-second speed
- 9 wide × 7 high dot character
- 132-column wide adjustable carriage
- 10 character-per-inch horizontal pitch
- Rear and bottom paper feed
- One original plus five clear, legible copies
- Full ASCII character set

Keyboard/Keypad Features

- Full ASCII alphanumeric typewriter-like keyboard (KSR only)
- N-key rollover (KSR only)
- Automatic character repeat (KSR only)
- Calculator-type operator control keypad (RO only)

Communications Features

- EIA RS-232C serial interface
- Type 103, 113, 202, 212 data set compatibility
- 110 to 9600 baud transmission rates
- On-line, local and standby modes



For impact paper see page 11

Model 820 Printer

Description	Part Number	Shipping Wt.	Sugg. Price
Basic 820 KSR w/full ASCII character set	0999695-0101	53 lb.	2165.00*
820 KSR Package Including: Basic 820 KSR full ASCII keyboard, numeric keypad, EIA cable with auto speed select, compressed print & device forms control	0999685-0101	53 lb.	2395.00*
Basic 820 RO w/control panel	0999975-0101	53 lb.	1995.00*
820 RO Package Including: Basic 820 RO, control panel, compressed print & device forms control	0999979-0101	53 lb.	2155.00*
Options/Upgrades			
Full ASCII Keyboard	0999691-8101	5 lb.	225.00
Full ASCII Kybd. w/Numeric Pad	0999691-8102	5 lb.	250.00
APL/ASCII Keyboard Option	0999691-8201	5 lb.	225.00
APL w/Numeric Pad Kybd. Option	0999691-8202	5 lb.	250.00
Device Forms Control Option	0999836-0001	1 lb.	250.00
Acoustic Enhancement	0999886-0001	2 lb.	75.00
Current Loop Interface 20-MA	2217360-8001	2 lb.	150.00
Left and Right Paper Tractors	2220316-0001	1 lb.	45.00
Supplies/Accessories			
Paper Tray, Machine Mounted	0999838-0001	2 lb.	25.00
Paper Tray, Stand Mounted	0999839-0001	6 lb.	25.00
Printer Stand	0999841-0001	19 lb.	75.00
Impact Printhead	2217374-0001	1 lb.	125.00
Printer Ribbons (13mm × 36.6m) Box of 6	2246601-0002	3 lb.	27.00
Cables			
202/212 Data Set EIA	0993205-0001	1 lb.	30.00
EIA Data Terminal	0993210-0001	1 lb.	35.00
Power Cord	0996289-0001	1 lb.	8.00
Manuals			
Maintenance (821/822)	2206552-9701	6 lb.	60.00
Operator's (820 RO)	2206553-9701	1 lb.	10.00
Operator's (820 KSR)	2208225-9701	1 lb.	10.00

*Discounts not applicable through TI EXPRESS.

Printers

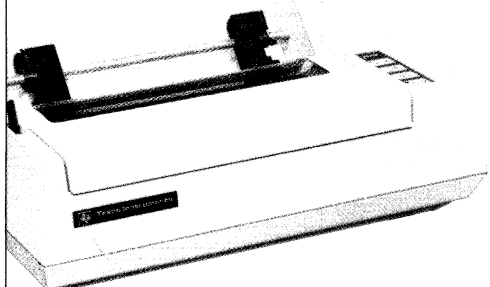
Model 850XL Printer

Use TI EXPRESS to keep your 850XL printer operating at peak efficiency. Ribbons, paper, options and cables all ship quickly and directly to you. Simply call toll-free 1-800-TI-PARTS and place your order for immediate processing.

Compatible with many major brands of personal computers.

Standard features include:

- 15 × 18 dot matrix double pass
- 35 cps correspondence-quality mode
- 150 cps draft-quality mode
- Bidirectional printing
- Enhanced print mode
- Full ASCII character set
- Raster graphics
- Parallel/serial interface



Model 850XL Printer

Description	Part Number	Shipping Wt.	Sugg. Price
850 XL Tan Friction Model	2222440-0021	17 lb.	599.00*
850 XL Gray Friction Model	2222440-0023	17 lb.	599.00*
850 XL Tan Tractor Model	2222503-0021	17 lb.	659.00*
850 XL Gray Tractor Model	2222503-0023	17 lb.	659.00*
Options/Upgrades			
Paper Stacking Tray (for tractor model)**	2222409-0001	2 lb.	25.00
850 Tractors, Tan	2222439-0001	3 lb.	100.00
Paper Roll Holder (for friction model)**	2222451-0001	2 lb.	20.00
DC1/DC3 Option ROM**	2222533-0001	1 lb.	25.00
850 Memory Expansion w/Download RAM (12K)	2232793-8001	1 lb.	140.00
Memory Expansion (4K)**	2232793-8002	1 lb.	90.00
850 XL Tractors, Tan	2232859-0001	3 lb.	100.00
850 Extended Character Set ROM	2241535-0001	1 lb.	25.00
850 Extended Character Set 8K ROM	2241537-0001	1 lb.	30.00
850 4K ECS ROM Kit	2244544-0001	1 lb.	25.00
Supplies			
Impact Printhead w/Cable	2222453-0001	1 lb.	50.00
Ribbon Cartridges, 6/Pack**	2222506-0001	2 lb.	60.00/Pk.
Cables			
Serial*	2222477-0001	1 lb.	35.00
Serial Cable Adaptor**	2222477-0002	1 lb.	25.00
Parallel*	2223106-0001	1 lb.	35.00
Manuals			
Maintenance	2219896-0001	4 lb.	25.00
User's Manual	2222514-0001	1 lb.	10.00

*Discounts not applicable through TI EXPRESS.

**Common to both Model 850 and Model 850 XL Printers.



For impact paper see page 11

Printers

Model 855 Printer

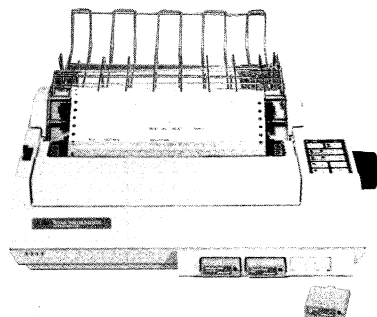
The Model 855 microprinter offers an exceptional value by providing both data processing and letter-quality printing in a single unit.

A state-of-the-art dot matrix printer, the 855 uses unique TI font modules which function as electronic daisy-wheels when letter-quality printing is used. Multiple modules can be used, and selection of draft and letter-quality type styles is made at the touch of a button.

Compatible with virtually all desktop computers.

Standard features include:

- 32 × 18 dot matrix double-pass
- 35 cps letter-quality mode
- 9 × 9 dot matrix
- 150 cps draft-quality mode
- Raster graphics
- 64 Mosaic graphic character set
- Standard friction feed
- Optional snap-in/out metering tractors



See page 9 for examples of font modules

Model 855 Printer

Description	Part Number	Shipping Wt.	Sugg. Price
855 Tan Friction Model	2230935-0002	17 lb.	935.00*
855 Gray Friction Model	2230935-0006	17 lb.	935.00*
855 Tan Tractor Model	2232783-0002	17 lb.	995.00*
855 Gray Tractor Model	2232783-0006	17 lb.	995.00*
Options/Upgrades			
Paper Stacking Tray (for tractor model)	2222409-0001	2 lb.	25.00
Paper Roll Holder (for friction model)	2222451-0001	2 lb.	20.00
Memory Expansion w/Download RAM (12K)	2232793-8001	1 lb.	140.00
855 Memory Expansion (4K)	2232793-8002	1 lb.	90.00
Tractors, Tan	2232859-0001	3 lb.	100.00
Tractors, Gray	2232859-0002	3 lb.	100.00
855 ECS ROM	2241538-0001	1 lb.	25.00
855 ECS Font Module Set	2241540-0001	1 lb.	60.00
Character Font Modules			
Courier 10/12	2225929-0001	1 lb.	40.00
Courier Italic 10/12	2230967-0001	1 lb.	40.00
Prestige Elite 10/12	2230968-0001	1 lb.	40.00
Orator 10/12	2230969-0001	1 lb.	40.00
Letter Gothic 15	2230970-0001	1 lb.	40.00
Modern WPS	2230972-0001	1 lb.	40.00
Greek Math (Scientific)	2230973-0001	1 lb.	40.00
Gothic 10/12	2232812-0001	1 lb.	40.00
Bar Code 3 of 9 Font Module	2241543-0001	1 lb.	40.00
OCR-A Font Module	2244549-0001	1 lb.	40.00
Supplies			
Printhead	2232826-0001	1 lb.	125.00
Ribbon Cartridges, 6/Pack	2222506-0001	2 lb.	60.00/Pk.
Cables			
Parallel	2223106-0001	1 lb.	35.00
Serial	2222477-0001	1 lb.	35.00
Serial Cable Adapter	2222477-0002	1 lb.	25.00
Manuals			
Maintenance Manual	2225914-0001	4 lb.	25.00
User's Manual	2232789-0001	1 lb.	10.00

*Discounts not applicable through TI EXPRESS.

Printers

Models 860XL and 865 Printers

The 860XL and 865 microprinters were developed with versatility in mind.

Both models feature a 16-inch carriage capable of printing a wide range of paper and forms which can be loaded into the printer as easily as a typewriter.

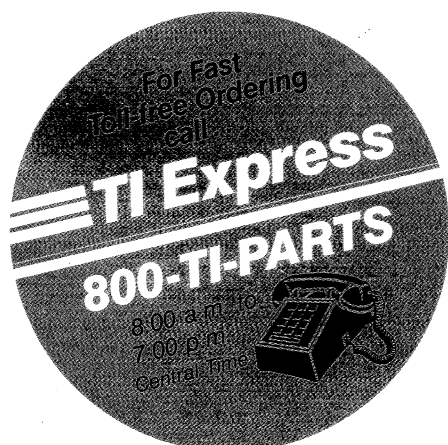
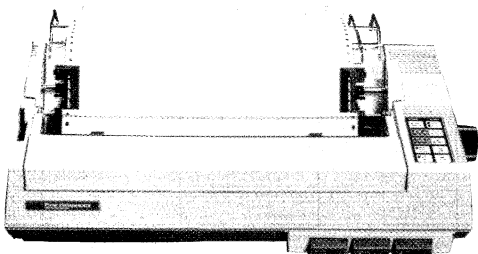
For use with most major brands of microcomputers.

Standard features include:

- 150 cps data processing quality printing
- 35 cps letter quality printing (865)
- 35 cps correspondence quality printing (860XL)
- Metering tractor
- Parallel/serial interface
- Raster character graphics

Special 865 features

- Dual-mode draft and letter-quality print modes
- Plug-in font modules offer a wide variety of type styles



Model 860XL/865 Printers

Description	Part Number	Shipping Wt.	Sugg. Price
860 XL Tan Tractor Model	2239392-0002	27 lb.	899.00*
860 XL Gray Tractor Model	2239392-0006	27 lb.	899.00*
865 Tan Tractor Model	2239365-0002	27 lb.	1299.00*
865 Gray Tractor Model	2239365-0006	27 lb.	1299.00*
Options/Upgrades			
860/865 Memory Expansion			
w/Download RAM (12K)	2232793-8001	1 lb.	140.00
860/865 Memory Expansion (4K)	2232793-8002	1 lb.	90.00
860/865 Confidence Test Module	2232846-0001	1 lb.	100.00
Tractors, Tan	2239363-0001	3 lb.	150.00
Tractors, Gray	2239363-0002	3 lb.	150.00
860/865 Paper Stacking Tray	2239436-0001	3 lb.	30.00
860/865 ECS ROM	2241538-0001	1 lb.	25.00
865 Character Font Modules			
Courier 10/12	2225929-0001	1 lb.	40.00
Courier Italic 10/12	2230967-0001	1 lb.	40.00
Prestige Elite 10/12	2230968-0001	1 lb.	40.00
Orator 10/12	2230969-0001	1 lb.	40.00
Letter Gothic 15	2230970-0001	1 lb.	40.00
Modern WPS	2230972-0001	1 lb.	40.00
Greek Math (Scientific)	2230973-0001	1 lb.	40.00
Gothic 10/12	2232812-0001	1 lb.	40.00
Bar Code 3 of 9 Font Module	2241543-0001	1 lb.	40.00
OCR-A Font Module	2244549-0001	1 lb.	40.00
Supplies			
Printhead	2232826-0003	1 lb.	125.00
Ribbon Cartridges, 6/Pack	2239391-0001	3 lb.	75.00/Pk.
Cables			
860/865 Parallel	2223106-0001	1 lb.	35.00
860/865 Serial	2222477-0001	1 lb.	35.00
860/865 Serial Cable Adapter	2222477-0002	1 lb.	25.00
Manuals			
User's Manual	2239395-0001	1 lb.	10.00
Maintenance	2239428-0001	4 lb.	25.00

*Discounts not applicable through TI EXPRESS.

Printers

Models 880 and 880AT Printers

The Model 880 and 880AT offer all the functionality and reliability of TI's proven Model 810 printer—but with twice the printing speed.

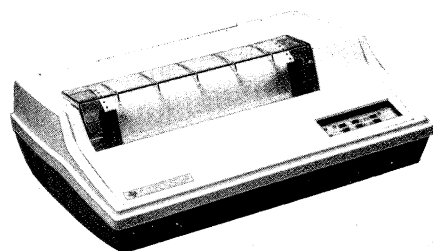
In addition to draft-quality printing capability, they also offer an enhanced mode for correspondence printing.

Standard 880/880AT features include:

- 300 cps data processing printing
- 75 cps enhanced print mode
- Full ASCII and eight international character sets
- Rear or bottom paper paths
- Raster graphics

Special 880AT features

- Hardware and software compatibility with the IBM® Personal Computer AT™, the IBM PC/XT™, and compatibles, the TI Business-Pro™ Professional Computer, and the TI Professional Computer Family
- Optional dual IBM 256 character sets



Model 880/880AT Printers

Description	Part Number	Shipping Wt.	Sugg. Price
Basic 880 Including: Parallel/EIA RS-232-C Interface	2222602-0001	65 lb.*	2195.00**
Basic 880 Including: Current Loop/EIA RS-232-C Interface	2222602-0002	65 lb.*	2270.00**
Basic 880 Including: RS-422/EIA RS-232-C Interface	2222602-0003	65 lb.*	2320.00**
Basic 880 AT Including: Parallel/EIA RS-232-C Interface, 2K buffer, Gothic font	2222602-1001	65 lb.*	2195.00**
Basic 880 AT Including: Parallel/EIA RS-232-C Interface, 16K buffer, IBM 256 Character set, Gothic font	2222602-1201	65 lb.*	2295.00**
Options/Upgrades			
4K Buffer	2222703-0003	1 lb.	40.00
16K Buffer	2222703-0004	1 lb.	125.00
RS422 I/F Option Kit	2230789-8001		125.00
Supplies/Accessories			
Paper Tray, Machine Mount	0994442-0002	2 lb.	25.00
Tear Bar Option Kit	0994509-0002	4 lb.	40.00
Paper Tray, Stand Mount	0999839-0001	6 lb.	25.00
Terminal Stand	0999841-0001	19 lb.	75.00
Printhead	2222738-0001	1 lb.	225.00
Ribbons 6/PK	2246601-0002	3 lb.	27.00/Pk.
Cables			
Parallel	2223106-0001	1 lb.	35.00
EIA Peripheral Cable	2230504-0001	2 lb.	75.00
Manuals			
User's Manual	2222627-0001	1 lb.	10.00
Maintenance Manual	2222628-0001	7 lb.	60.00
Maintenance Handbook	2222630-0001	4 lb.	25.00

*Cannot be shipped via UPS.

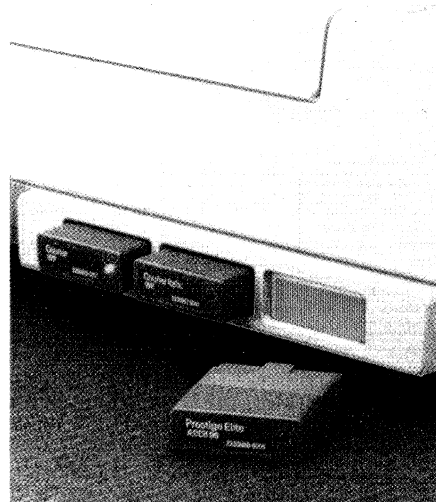
**Discounts not applicable through TI EXPRESS.

Character Font Modules

Font Modules for 855 and 865 Printers

TI's unique plug-in font modules produce exceptional letter-quality results with the conventional, typewriter-style letter shapes you need for correspondence, contracts and other "final draft" documents. These typestyles feature well-formed letters, true descenders and underlining.

You can plug in three different fonts at the same time. Then, using software commands or the printer control panel, you can select the font module you want even in the middle of a sentence. This gives your printing added flexibility, added emphasis and a better overall appearance.

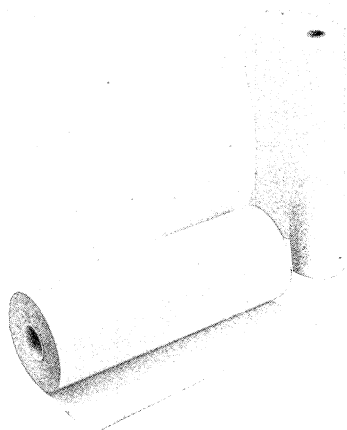


Character Font Modules

Description	Part Number	Sugg. Price	Description	Part Number	Sugg. Price
Courier 10/12 ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz !"#\$%&'()*+,-./0123456789 :;<=>?@[\$!t" _[]@_°	2225929-0001	40.00	Modern WPS ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz !"#\$%&'()*+,-./0123456789 :;<=>?@[\$!t" _[]@_°	2230972-0001	40.00
Courier Italic 10/12 ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz !"#\$%&'()*+,-./0123456789 :;<=>?@[\$!t" _[]@_°	2230967-0001	40.00	Greek Math (Scientific) ∇∞ΨΦ+≤Λ→↑≥÷∂()&ΓΘΣ→Ξ&ΔΩ Τ=αβψφε~ληι≡κω{vοργθστξx δχυζπo{}}f÷[μ+τ'~/~&01234 56789~""π±σςΣ●]◀α≈⊥√≠•`	2230973-0001	40.00
Prestige Elite 10/12 ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz !"#\$%&'()*+,-./0123456789 :;<=>?@{ }~¢-[\]^_`	2230968-0001	40.00	Gothic 10/12 ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdefghijklmnopqrstuvwxyz !"#\$%&'()*+,-./0123456789 :;<=>?@[\$!t" _[]@_°	2232812-0001	40.00
Orator 10/12 ABCDEFGHIJKLMNOPQRSTUVWXYZ YZABCDEFGHIJKLMNOPQRSTUVWXYZ wxyz!"#\$%&'()*+,-./01234 56789:;<=>?@[\$!t" _[]@_°	2230969-0001	40.00	Bar Code 3 of 9 Font Module *Bar Code 3 of 9*	2241543-0001	40.00
Letter Gothic 15 ABCDEFGHIJKLMNOPQRSTUVWXYZ YZabcdefghijklmnopqrstuvwxyz wxyz!"#\$%&'()*+,-./01234 56789:;<=>?@{ }~¢-[\]^_`	2230970-0001	40.00	OCR-A Font Module ABCDEFGHIJKLMNOPQRSTUVWXYZ YZabcdefghijklmnopqrstuvwxyz wxyz "£\$%&'{}*+,-./01234 56789:;<=>?@H?YAöÜ,Ÿ¥ÆØ& _.	2244549-0001	40.00

For impact printing paper see page 11

Thermal Printing Paper



Thermal Printing Paper

Description	Part Number	Shipping Wt.	Sugg. Price
Thermal Printing Paper* (For use with Adapter Kit only) 216mm x 91m (8.5 in. x 300 ft.)	0213714-0008	3 lb. per roll	
Less Than Case Lot, 1-11 Rolls			6.40/RI.
12 Rolls Per Case, 1-43 Cases			5.90/RI.
528 Rolls/Pallet, 1-5 Pallets			5.40/RI.
6 Pallets and Up (12 mo. Contract)			5.15/RI.
6 Pallets and Up (single ship date)			4.90/RI.
Thermal Printing Paper 216mm x 30m (8.5 in. x 100 ft.)	0972603-0001	1 lb. per roll	
Less Than Case Lot, 1-23 Rolls			2.60/RI.
24 Rolls Per Case, 1-43 Cases			2.35/RI.
1056 Rolls/Pallet, 1-5 Pallets			2.25/RI.
6 Pallets and Up (12 mo. Contract)			2.10/RI.
6 Pallets and Up (single ship date)			1.95/RI.
Thermal Printing Paper, Perforated (For use with Adapter Kit only) 216mm x 91m (8.5 in. x 300 ft.)	0995485-0001	3 lb. per roll	
Less Than Case Lot, 1-11 Rolls			10.30/RI.
12 Rolls Per Case, 1-43 Cases			9.80/RI.
528 Rolls/Pallet, 1-5 Pallets			9.30/RI.
6 Pallets and Up (12 mo. Contract)			8.80/RI.
Thermal Printing Paper, Perforated 216mm x 30m (8.5 in. x 100 ft.)	0999415-0001	1 lb. per roll	
Less Than Case Lot, 1-23 Rolls			4.45/RI.
24 Rolls/Case, 1-43 Cases			4.10/RI.
1056 Rolls/Pallet, 1-5 Pallets			4.00/RI.
6 Pallets and Up (12 mo. Contract)			3.90/RI.

*Thermal printing paper is not shipped freight free.

Which paper can your data terminal or printer use?

Data Terminal

Recommended Paper

703/707/745/765/785/787	972603-0001 or 999415-0001
743/763/767/781/783	972603-0001 or 999415-0001
743/763/767/781/783	213714-0008** or 995485-0001**

Printer

Recommended Paper

810/880***	Continuous Form Printer Paper
820	Continuous Form Printer Paper
850XL/855****	8½" or 9½" Wide Printer Paper
860XL/865****	Continuous Form Printer Paper

**This paper can only be used on units that have the 300ft. Paper Adapter Kit (2265890-0001).

***Multiple sheet forms not to exceed four parts for Model 880/880AT.

****Multiple sheet forms not to exceed three parts.

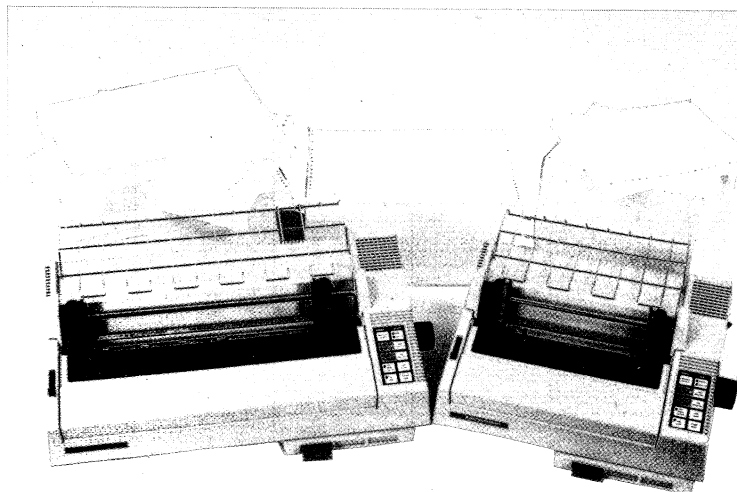


Impact Printing Paper

TI carries a complete line of computer forms.

You can depend on TI EXPRESS as a reliable source for a wide variety of quality data processing printing forms. Uniform thickness and weight assure easy feeding and trouble-free printer operation.

- High quality paper
- Shipped freight free
- Wide selection to choose from
- Buy in quantity for better price breaks
- Quick shipment from warehouses across the country



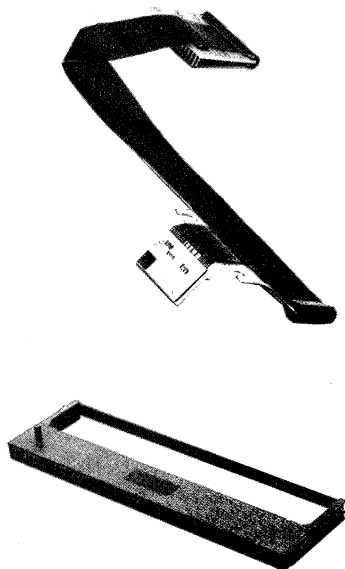
Computer Forms for TI Printers

Part Number	Size of Form (Width x Length)	No. of Parts	Description	Qty. of Forms per Carton	Price per Carton			
					1-4	5-9	10-24	25 +
2209117-0001	14 $\frac{7}{8}$ " x 11"	1	Blank, 20 lb.	2400	\$56.00	\$51.85	\$47.80	\$43.75
2209117-0002	14 $\frac{7}{8}$ " x 11"	1	$\frac{1}{2}$ " Green Bar, 20 lb.	2400	\$56.00	\$51.85	\$47.80	\$43.75
2209117-0003	14 $\frac{7}{8}$ " x 11"	1	$\frac{1}{2}$ " Green Bar, 18 lb.	2600	\$56.00	\$51.85	\$47.80	\$43.75
2209117-0004	14 $\frac{7}{8}$ " x 11"	1	$\frac{1}{2}$ " Green Bar, 15 lb.	3000	\$58.00	\$53.50	\$49.35	\$45.20
2209117-0005	14 $\frac{7}{8}$ " x 11"	2	$\frac{1}{2}$ " Green Bar	1300	\$65.00	\$60.25	\$55.75	\$51.25
2209117-0006	14 $\frac{7}{8}$ " x 11"	3	$\frac{1}{2}$ " Green Bar	950	\$68.00	\$63.25	\$58.50	\$53.75
2209117-0007	14 $\frac{7}{8}$ " x 11"	4	$\frac{1}{2}$ " Green Bar	650	\$65.00	\$60.25	\$55.75	\$51.25
2209117-0008	14 $\frac{7}{8}$ " x 11"	2	$\frac{1}{2}$ " Green Bar, Carbonless	1750	\$86.00	\$79.75	\$73.75	\$67.75
2209117-0009	14 $\frac{7}{8}$ " x 11"	3	$\frac{1}{2}$ " Green Bar, Carbonless	1100	\$86.00	\$79.75	\$73.75	\$67.75
2209117-0010	14 $\frac{7}{8}$ " x 11"	4	$\frac{1}{2}$ " Green Bar, Carbonless	850	\$91.00	\$84.50	\$78.00	\$71.50
2209117-0011	14 $\frac{7}{8}$ " x 8 $\frac{1}{2}$ "	1	$\frac{1}{2}$ " Green Bar, 15 lb.	3000	\$48.00	\$44.00	\$40.65	\$37.30
2209117-0012	14 $\frac{7}{8}$ " x 8 $\frac{1}{2}$ "	2	$\frac{1}{2}$ " Green Bar	1300	\$58.50	\$54.00	\$49.80	\$45.60
2209117-0013	14 $\frac{7}{8}$ " x 8 $\frac{1}{2}$ "	3	$\frac{1}{2}$ " Green Bar	950	\$57.00	\$53.00	\$49.00	\$45.00
2209117-0014	14 $\frac{7}{8}$ " x 8 $\frac{1}{2}$ "	4	$\frac{1}{2}$ " Green Bar	650	\$54.00	\$50.00	\$46.00	\$42.00
2209117-0015	12" x 8 $\frac{1}{2}$ "	1	Blank w/Margin Perfs, 18 lb.	2600	\$43.00	\$39.50	\$36.50	\$33.50
2209117-0016	12" x 8 $\frac{1}{2}$ "	1	$\frac{1}{2}$ " Green Bar, 18 lb.	2600	\$43.00	\$39.50	\$36.50	\$33.50
2209117-0020	9 $\frac{1}{2}$ " x 11"	1	3 Green Rules, 15 lb.	3500	\$56.00	\$51.85	\$47.80	\$43.75
2209117-0021	9 $\frac{1}{2}$ " x 11"	1	$\frac{1}{2}$ " Green Bar w/Perfs, 15 lb.	3500	\$47.00	\$43.75	\$40.50	\$37.25
2209117-0022	9 $\frac{1}{2}$ " x 11"	2	$\frac{1}{2}$ " Green Bar w/Perfs, 15 lb.	1300	\$57.00	\$53.00	\$49.00	\$45.00
2209117-0023	9 $\frac{1}{2}$ " x 11"	3	$\frac{1}{2}$ " Green Bar w/Perfs, 12 lb.	1050	\$56.00	\$51.85	\$47.80	\$43.75
2209117-0024	9 $\frac{1}{2}$ " x 11"	4	$\frac{1}{2}$ " Green Bar w/Perfs, 12 lb.	750	\$53.00	\$49.25	\$45.50	\$41.75
2209117-0025	9 $\frac{1}{2}$ " x 11"	1	Blank w/Margin Perfs, 18 lb. (Word Processing Clean Perfs)	3000	\$47.00	\$43.75	\$40.50	\$37.25
2209117-0031	9 $\frac{1}{2}$ " x 11"	1	Blank w/Margin Perfs, 20 lb. (Word Processing Clean Perfs)	2700	\$46.00	\$42.25	\$39.00	\$35.75
2209117-0026	9 $\frac{1}{2}$ " x 11"	1	Blank w/Margin Perfs, 20 lb.	2700	\$45.00	\$40.50	\$37.50	\$34.50
2209117-0032	9 $\frac{1}{2}$ " x 11"	1	Blank w/Margin Perfs, 15 lb.	3500	\$47.00	\$43.75	\$40.50	\$37.25
2209117-0033	9 $\frac{1}{2}$ " x 11"	2	Blank w/Margin Perfs, 15 lb.	1500	\$57.00	\$53.00	\$49.00	\$45.00
2209117-0027	9 $\frac{1}{2}$ " x 11"	2	Blank w/Margin Perfs, Carbonless	2000	\$75.00	\$69.75	\$65.00	\$60.25
2209117-0030	8 $\frac{1}{2}$ " x 11"	1	$\frac{1}{2}$ " Green Bar	3500	\$48.00	\$44.00	\$40.65	\$37.30

Printheads and Ribbons

Printheads and Ribbons

Calculate the total number of ribbons and printheads you would like to order and use the convenient chart to locate your discount.



Printheads and Ribbons

Description	Part Number	Shipping Wt.	Sugg. Price
Thermal P/H (720-731,750-754)	0953025-0001	1 lb.	200.00
Thermal P/H (732/733/735/742/755)	0959422-0001	1 lb.	175.00
Thermal P/H (743/745/763/765/767)	0983829-0002	1 lb.	150.00
810/820/880 Printer Ribbon, Box of 6	2246601-0002	2 lb.	27.00/Bx.
Thermal P/H (781/783/785/787)	2206586-0001	1 lb.	200.00
Impact Printhead 9 Wire (840)	2215519-0001	1 lb.	100.00
840 Printer Ribbon, Box of 6	2215537-0002	3 lb.	47.00/Bx.
Impact Printhead (820)	2217374-0001	1 lb.	125.00
Impact Printhead (810)	2217374-0002	1 lb.	125.00
Impact Printhead w/Cable (850/850XL)	2222453-0001	1 lb.	50.00
850/855 Ribbon Cartridge, Box of 6	2222506-0001	2 lb.	60.00/Bx.
Impact Printhead (855)	2232826-0001	1 lb.	125.00
860/865 Ribbon Cartridge, Box of 6	2239391-0001		75.00
Printer Ribbon (LP300/600)	2271784-0001	1 lb.	30.00
Thermal Printhead (703/707)	2310472-0001	1 lb.	25.00

Quantity Discount

Unit Quantity	Discount
5-9	5%
10-24	10%
25-49	12%
50-99	15%
100-199	18%
200-499	20%
500-999	23%
1000 +	25%

For Fast
Toll-free Ordering
call ...

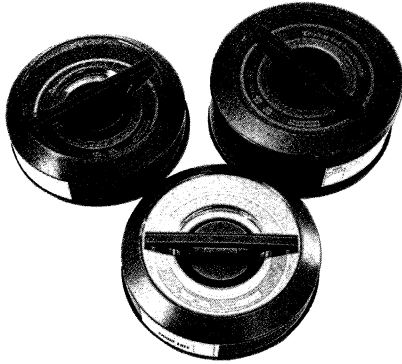
TI Express

800-TI-PARTS

8:00 a.m. to
7:00 p.m.
Central Time



Magnetic Media and Accessories



Magnetic Media and Accessories

Description	Part Number	Shipping Wt.	Sugg. Price
Disk Cartridge, DS10	0937507-0001	8 lb.	150.00
Diskette, FD 800 10 Per Pk.	0945965-0001	2 lb.	
1-10 Packs			55.50 ea.
11 or more Packs			52.50 ea.
Disk Pack, DS25/50	0947533-0001	15 lb.	600.00
Disk Pack, Error-free, DS200	0948986-0002	26 lb.	1200.00
Magnetic Tape Cassette	0960333-0001	1 lb.	
1-1500 Cassettes			6.95 ea.
Over 1500 Cassettes			6.00 ea.
Model 770 Magnetic Tape	0996340-0001	1 lb.	15.00
Mini-Cartridge Diskette, 5 1/4 " DSDD (48 TPI FL.) 10 Per Box	2223221-0002	1 lb.	
1 to 10 Boxes			55.00 ea.
11 or more Boxes			50.00 ea.
Diskette, FD1000/WD500 10 Per Pack	2261687-0001	1 lb.	
1-10 Packs			69.00 ea.
11 or more Packs			65.00 ea.
Disk Cartridge, CD1400	2269886-0001	10 lb.	375.00
Tape Cartridge, WD800	2270391-0001	3 lb.	30.00
Disk Cartridge, DS80	2308475-0001	16 lb.	600.00
Disk Cartridge, DS300	2308505-0001	29 lb.	1200.00
ProLite 3.5" Microfloppy Diskettes (Box of 10)	2227132-0001	2 lb.	89.00



Workstation Supplies/Accessories

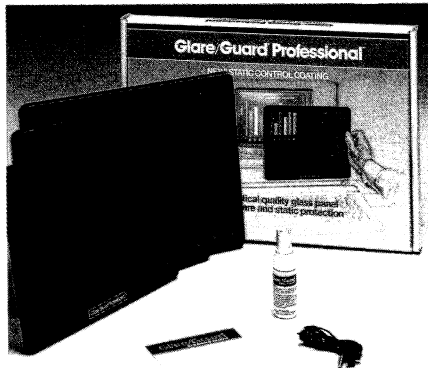
The best of everything you need to organize, protect and maintain your computer system—and more.

TI Express is now offering a carefully selected line of premium quality workstation supplies and accessories.

All the things you need—from necessities to luxuries—to make the most of your office automation investment.

Products to help protect your valuable data from dust, dirt and static electricity. Products to make using computers more comfortable and more productive. Products to help organize the computer work area. Maintenance products that can save you costly downtime and expensive repairs. Solutions for controlling glare and reducing eyestrain—and much more.

In short, products designed to increase efficiency and productivity in your computer operation.

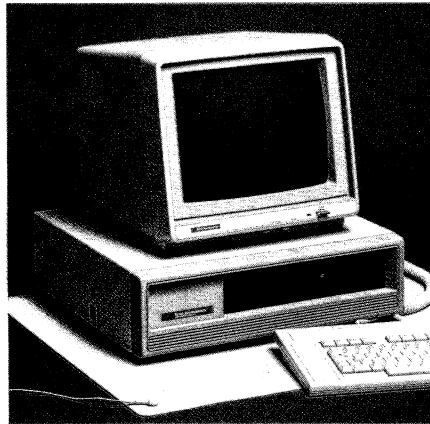


Anti-Glare Screen

Anti-glare screens are used to help eliminate glare from CRT's in office areas where glare is a problem. Our optically-coated glass panel provides effective and economical glare control without distortion or durability problems. Easy mounting with press-on/pull-off cloth strips.

Description	Part Number	Sugg. Price
Anti-Glare Screen (TIPC B&W)	2232680-0002	99.00
Anti-Glare Screen (TIPC Color)	2232680-0001	99.00
Anti-Glare Screen (931)	2232680-0003	99.00

- Cuts glare up to 90%
- Enhances contrast
- Reduces glare-induced eyestrain
- Durable optically-coated glass
- Easy mounting without tools



Anti-Static Workstation Mat

This preventive maintenance product helps eliminate harmful static electricity. A little static electricity can damage an entire program the moment you touch your terminal or diskette media. Just place an Anti-Static Mat on your desktop beneath your equipment, and connect the 8 foot grounding cord to a grounded electrical outlet. Then, before you touch your equipment or media, make contact with the Anti-Static Mat—your finger, hand or wrist will do—and it will safely carry any static you have created to the ground.

Description	Part Number	Sugg. Price
Anti-Static Workstation Mat	2534920-0002	69.95

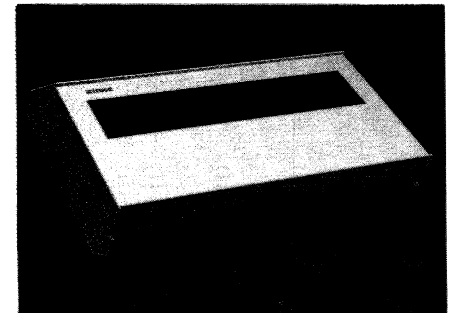
- Effective and economical static control
- Simple to install
- Snap-on grounding cord included
- Comes with self-adhesive strips for permanent mounting

We have chosen two styles of acoustic enclosures that suppress operating noise without hindering the operation of your printer. Constructed of quality laminate materials, one style can be used with the industry standard Model 810/820 or the new Model 880/880AT 132-column printers. The other was engineered for use with our new Model 850XL and 855 (80-column printers) along with the Model 860XL

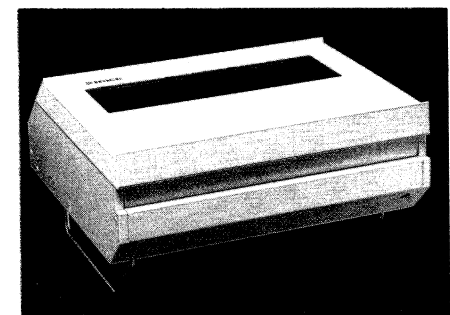
and 865 (132-column printers). Its compact, attractive design saves workspace and can also serve as a convenient copy stand. Whether you buy the more traditional laminate model or the unitized plastic model, each contribute to a more quiet and pleasant working environment.



Acoustic Cover 810/820



Acoustic Cover 850XL/855



Acoustic Cover 860XL/865

Description	Part Number	Sugg. Price
Acoustic Cover 810/820	2534908-0001	349.00
Acoustic Cover 850XL/855	2232695-0001	149.00
Acoustic Cover 860XL/865	2232695-0002	269.00

- Suppress from 70% to 90% of the noise
- Easy to install
- Attractive and practical
- Protects your printer from dust, dirt and accidental damage

TEXAS INSTRUMENTS TI EXPRESS SOFTWARE CATALOG

Software for the
Texas Instruments
Family of
Professional Computers.



TI Branded and Distributed Software

Software that is branded or distributed by TI for the Texas Instruments Family of Professional Computers (TIPC, TIPPC, ProLite™ and Business Pro™) is now available through TI EXPRESS.

Toll-free ordering

Call 800-TI-PARTS (800-847-2787) between 8:00 AM and 7:00 PM Central Time, Monday thru Friday. Your phone order will be processed immediately. The best times to call are first thing in the morning or during the late afternoon hours.

NOTE: If you have any questions about what other material and services are available through TI EXPRESS, please call our order specialists at 1-800-TI-PARTS.

Please have the following information ready when you call to place your order:

- Software part number
- Order quantity
- You can pay by credit card, check, or money order
- Your address

Fast shipment

Orders routinely ship within 48 hours. If you do not have an approved open account or provide payment when placing your order, please expect a delay of up to 5 working days. Pay by personal check, bank draft, money order, or charge your purchase to your MasterCard, American Express or Visa. We cannot be responsible for cash sent through the mail. No C.O.D.'s accepted. You can also mail in your order by using the order form located in the back of this catalog.

Terms

Prepaid orders (check, money order, or credit card) are subject to a non-refundable \$5.00 shipping and handling charge. Where the cost of shipping exceeds this minimum charge, actual freight costs will be charged. Special handling, air shipments, or other unusual requirements specified by the customer will be charged to the customer.

All orders are subject to initial and continuing credit approval.

Pricing information

Prices shown in this catalog are effective July 15, 1985. Prices are subject to change without notice and are based on Texas Instruments Standard Terms and Conditions or applicable Quantity Purchase Agreement.

Warranty information

TI does not warrant the program will be free from error or will meet your specific requirements. You assume complete responsibility for decisions made or actions taken based on information obtained using the program. Any statements made concerning the utility of the program are not to be construed as expressed or implied warranties.

TI MAKES NO WARRANTY OR CONDITION, EITHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, REGARDING THE PROGRAM AND MAKES THE PROGRAM AVAILABLE SOLELY ON "AS IS" BASIS.

Limited Warranty on Media

The media (not the program) is warranted to the original purchaser against defects in material and workmanship for a period of three (3) months from the date of original purchase.

Limitation of Remedies and Damages Disclaimer

Defective media under warranty will be replaced when it is returned postage prepaid with a copy of the purchase receipt to the address shown below if purchased directly from TI. The replacement media is warranted for three months from date of replacement. Other than the postage requirement (where allowed by law), no charge will be made for the replacement. This paragraph expresses TI's sole liability and your exclusive remedy, whether by contract, warranty, tort or otherwise. Actions, however asserted, shall be commenced within one year from the date the cause of action accrues. Neither TI nor any applicable licensor shall be responsible for incidental or consequential damages.

THIS WARRANTY IS EXTENDED ONLY TO THE ORIGINAL PURCHASER OF THIS PRODUCT WHO QUALIFIES AS A CONSUMER. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.

Defective media should be sent to the following address for replacement:

Texas Instruments Incorporated
P.O. Box 1444 M/S 7722
Houston, Texas 77251

Sales Are Effective At The Time Your Credit Authorization Is Obtained And Your Order Is Entered.

Format description

Format:

Product name
Author/Publisher
Description
Requirements
Part Number
Suggested Price

where:

Product name=software name

Author/Publisher=software manufacturer

Description=brief outline of its attributes

Requirements=refer to the minimum system components that are required to run the software package. Software products listed, except for certain training modules, can be used on either a TIPC or TIPPC. Software specially packaged for the ProLite™ and Business Pro™ are listed separately. In some cases, the requirements may be dependent on the specific application. For example, a database product may be usable for many typical applications with a single diskette drive and 128K bytes of RAM memory. However, a very large application may require additional disk space and/or additional memory. Some abbreviations are used:

- nnnK = required RAM (Kvaries = memory varies depending on module)
- DD=one diskette drive
- 2DD=two diskette drives
- MS-DOS®=MS-DOS 1.25
- WD=Winchester drive

Options=list specialized alternatives. Typically a second disk drive, Winchester drive, more RAM, a printer or color monitor can be used.

Part Number=Texas Instruments part number

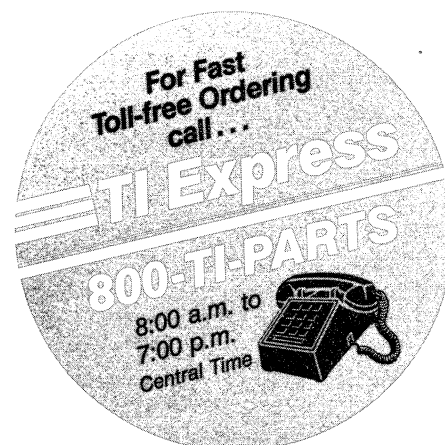
Suggested Price=Suggested retail price

An Important Consideration

The software packages that TI has offered in this catalog are tools that can help people better manage the information used in their business; but tools cannot replace sound judgment or make the manager's business decisions. Consequently, TI cannot warrant that its products are suitable for any specific customer application. The manager must rely on personal judgment of what is best for his or her business.

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Accounting

Accounts Payable

BPI™ Systems, Inc.

The Accounts Payable system enables the professional person or small business to take advantage of computerized accounting techniques by providing cash management tools like vendor control and check writing, plus many other capabilities. Standard input screens reduce the amount of data entered by hand and require neither computer experience nor expert typing skills to operate effectively. The Accounts Payable system can be used alone or with other BPI accounting packages.

Requirements: 128K, 2DD, MS-BASIC, MS-DOS or MS-DOS 2.1

Part Number: 2311447-0001

Suggested Retail: \$395.00

Accounts Receivable

BPI Systems, Inc.

The Accounts Receivable system is for companies with larger portfolios of accounts receivable and for those that need statement preparation, aging reports and extensive credit analysis. It may optionally be operated as either an "open item" or "balance forward" system. It automatically merges with the BPI General Ledger Accounting system. The Accounts Receivable system can be used alone or merged with the BPI General Ledger system.

Requirements: 128K, 2DD, MS-BASIC, MS-DOS or MS-DOS 2.1

Part Number: 2311446-0001

Suggested Retail: \$395.00

General Accounting System

BPI Systems, Inc.

The General Accounting System includes integrated Accounts Receivable, Accounts Payable, and all subsidiary ledgers for payroll accounting. This system also includes a cash receipts register, a vendor invoice journal, a cash disbursements journal, a merchandise purchased journal, a cash register journal and a general journal.

Requirements: 128K, 2DD, MS-BASIC, MS-DOS or MS-DOS 2.1

Part Number: 2311445-0001

Suggested Retail: \$395.00

Inventory Control

BPI Systems, Inc.

The Inventory Control system is a perpetual inventory system that tracks inventory by quantity and cost. It maintains information about all items in the inventory and tracks minimum quantities and back-ordered merchandise. You can select either the LIFO, FIFO or "average" method of valuing inventory. The system includes options for writing purchase orders and invoices. The Accounts Payable portion of the General Ledger Accounting system and the expanded Accounts Receivable system are integrated with this system. It automatically merges with the Accounts Receivable system and the General Ledger Accounting system or it may be used alone.

Requirements: 128K, 2DD, MS-Basic, MS-DOS or MS-DOS 2.1

Part Number: 2311448-0001

Suggested Retail: \$395.00

Job Cost

BPI Systems, Inc.

The Job Cost system handles as many as 100 cost accounts for an unlimited number of jobs. It helps prepare original bids for jobs, then keeps track of all labor and non labor costs for each job. It will either report income by completed job or by percentage of completion. The system provides a variety of reports, including income and expense statements, job status reports, and profit and loss statements. The Job Cost system can automatically merge with the BPI General Ledger Accounting system and Payroll system.

Requirements: 128K, 2DD, MS-BASIC, MS-DOS or MS-DOS 2.1

Part Number: 2311450-0001

Suggested Retail: \$395.00

Payroll

BPI Systems, Inc.

The Payroll system handles local, state (all 50 states plus Puerto Rico and the District of Columbia) and federal payroll taxes. The system figures gross pay (including tips) and then automatically deducts FICA, federal withholding tax and state withholding tax for employees who are salaried, hourly or on commission. In addition, it subtracts up to six more deductions, customized for each employee. Payroll checks can be written automatically. The system provides a variety of management and accounting reports about employees, individual earnings and information for preparing your company's federal and state tax returns. The Payroll system can be used alone or it can be used with other BPI accounting packages.

Requirements: 128K, 2DD, MS-BASIC, MS-DOS or MS-DOS 2.1

Part Number: 2311449-0001

Suggested Retail: \$395.00

Communications

931 Emulator

Texas Instruments

The 931 Emulator package gives a TI Professional Computer the functionality of a TI 931 terminal. Features include: communications between the TI Professional Computer and any TI Business System Series 300, 600 or 800 model via a switched or dedicated link; file transfer capability for both text and binary files using standard DX10 or DNOS file transfer commands; 931 attached printer emulation (parallel or serial); local print function; communications speed selectable from 300 to 19,200 bps and 931 or 911 keyboard mode.

Requirements: 128K, DD, async/sync comm or full duplex external modem & EIA cable or internal modem, MS™-DOS or MS-DOS 2.1

Part Number: 2237368-0001

Suggested Retail: \$150.00

*MS is a trademark of Microsoft Corporation.

931 Emulator 2.1

Texas Instruments

The 931 Emulator package gives a TI Professional Computer the functionality of a TI 931 terminal. Features include: communications between the TI Professional Computer and any TI Business System Series 300, 600 or 800 model via a switched or dedicated link; file transfer capability for both text and binary files using standard DX10 or DNOS file transfer commands; 931 attached printer emulation (parallel or serial); local print function; communications speed selectable from 300 to 19,200 bps and 931 or 911 keyboard mode.

Requirements: 256K, DD, async/sync comm or full duplex external modem & EIA cable or internal modem, MS-DOS or MS-DOS 2.1

Part Number: 2249858-0001

Suggested Retail: \$150.00

3101 Communications

Texas Instruments

3101 Communications, an asynchronous protocol, is useful for applications that require a moderate amount of data entered into forms or fields set up by the host computer; applications that require the two computers to interact and time-sharing applications that allow connection from a remote location, either on dial-up or leased lines, to the computer.

Requirements: 128K, DD, comm board, MS-DOS

Part Number: 2234238-0001

Suggested Retail: \$140.00

3270 Coax Interface

Texas Instruments

3270 Coax Interface is a hardware and software package for attachment into an existing 3270 terminal network. After the 3270 Coax Interface is installed, the computer can attach to a 3274 or 3276 or integrated terminal cluster controller. This product provides the TI Professional Computer Family with emulation capability for the 3278 Models 2, 3 and 4. When equipped with color monitor, it emulates 3279 Models 2A, 2B, 3A and 3B. Emulation software is included. The 3270 Coax Interface provides a host-to-TIPC and TIPC-to-host file transfer capability. Host application software for this purpose is not provided with the product. An existing host application package, FORTENET, may be obtained from Forte Data Systems.

Requirements: 64K/MS-DOS or 128K/MS-DOS 2.1, DD, expansion slot, emulator s/w (in kit), binary host transfer software from Forte Data Systems

Part Number: 2239844-0001

Suggested Retail: \$1,195.00

3270 SNA Communications

Texas Instruments

3270 SNA Communications provides access to an SNA host computer as a 3270-type terminal. The 3270 SNA emulates the operation of an IBM® 3276/12 Cluster Control Unit with a single 3278/2 display (3279/2A if color monitor) with an optionally attached 3287/2 printer. The 3270 SNA supports multiple logical units (SLU Type 2 and SLU Type 3 or Type 1).

Requirements: 128K/MS-DOS or 192K/MS-DOS 2.1, DD, async/sync comm & cable, 212, 201C, 208B or equivalent external modem

Part Number: 2223182-0001

Suggested Retail: \$350.00

*IBM is a registered trademark of International Business Machines Incorporated.

3270 SNA Communications, Version 1.2

Texas Instruments

3270 SNA Communications, Version 1.2 provides access to an SNA host computer as a 3270-type terminal. It emulates the operation of an IBM 3276/12 cluster-control unit with a single 3278/2 display (3279/2A for a color monitor) with an optionally attached 3287/2 printer. It supports multiple logical units (SLU Type 2 and SLU Type 3 or Type 1).

Requirements: 192K, DD, async/sync comm & cable, 212, 201C, 208B or compatible external modem, or 212 internal modem, MS-DOS 2.1

Part Number: 2249741-0001

Suggested Retail: \$350.00

3780 Communications

Texas Instruments

The 3780 Communications program allows your TI Professional Computer to communicate with other computers. The 3780 Communications program transfers data synchronously, can be used for attended or unattended data file transfers and provides automatic error detection and recovery.

Requirements: 128K, DD, async/sync comm or external modem, MS-DOS

Part Number: 2223124-0001

Suggested Retail: \$150.00



Business System Access

Texas Instruments

Business System Access (BSA) allows users of the TI Professional Computer Family to access the resources of Business System computers over an Ethernet™. Users of BSA can log on to connected Business System computers running DNIO Release 2.0, and DNOS Release 1.2.1. While logged on to a Business System computer, all DNOS features are available. Additionally, BSA provides a file transfer utility so that files can be transferred among Business System computers and between any Business System computer and the TI Professional Computer Family. The EtherLink™ hardware kit is required and must be in the same network with Business System computers equipped with DNIO 2.0 software.

Requirements: 256K, DD, EtherLink, must be on the same network with Business System computers equipped with DNIO 2.0 software, MS-DOS 2.1

Part Number: 2243704-0001

Suggested Retail: \$195.00

*EtherLink is a trademark of 3Com Corporation.
*Ethernet is a trademark of Xerox Corporation.

EtherMail™ Server Kit

3Com Corp.

EtherMail facilitates interoffice communications by making it easy to send messages through the network electronically. The normal time-consuming process of composing, typing and delivering memos is replaced with a simple way to compose and send messages to other individuals. Once sent, the message remains in the receiver's "mailbox" to be read at his or her convenience. EtherShare running EtherMail acts as the post office and governs the reception and distribution of messages among the networked personal computer clients. Delivery of the message is instantaneous, so clients can communicate readily back and forth in a way not possible before.

Requirements: 256K, DD, WD, EtherLink, EtherShare Server Kit, MS-DOS 2.1

Part Number: 2239859-0001

Suggested Retail: \$495.00

EtherPrint™ Server Kit

3Com Corp.

EtherPrint software runs on a server mode and allows many Professional Computer clients to share the same printers. Typically, a draft quality printer and a letter quality printer may be linked to a print server at the same time, allowing a network client to select the type of print desired. EtherPrint manages multiple requests by queuing print operations onto the disk until a printer is available. The automatic print spooling operation frees the client computers so they can immediately proceed to the next task.

Requirements: 256K, DD, WD, EtherLink, EtherShare Server Kit, MS-DOS 2.1

Part Number: 2239865-0001

Suggested Retail: \$195.00

EtherSeries™ User Kit

3Com Corp.

EtherSeries software provides an interconnect for TI Professional Computers and IBM Personal Computers into a resource-sharing local area network (LAN). Users can cooperatively exchange data and programs and share computer peripherals. In addition, users can communicate with each other through a network mail-sending facility. A broad variety of products can be connected into a single network with the EtherSeries products. Ethernet is extremely reliable and easily expandable. Transmitting information at 10 million bits per second, Ethernet can easily manage traffic for substantial networks of TI Professional Computers and IBM Personal Computers. The EtherShare Server Kit must be installed in the network server.

Requirements: 128K, DD, EtherLink, EtherShare Server Kit, MS-DOS 2.1

Option: 192K if EtherMail running

Part Number: 2239847-0001

Suggested Retail: \$50.00

EtherShare™ Server Kit

3Com Corp.

EtherShare is the software for a network server that allows many users to share fixed disk resources in a network. By utilizing common disk space, users can share data and programs and reduce redundant storage. Fixed disks are much larger and faster than floppy disks and minimize the need to swap floppy diskettes in and out when running larger programs. This helps keep productivity up and costs down.

Requirements: 256K, DD, WD, EtherLink, MS-DOS 2.1

Part Number: 2239853-0001

Suggested Retail: \$395.00

EtherVoice™

Texas Instruments

EtherVoice provides a voice recorder that allows you to record your own voice in two modes: high quality and normal quality. You can append up to eight minutes of EtherVoice messages to an EtherMail text message in normal quality mode (2400 bps) and up to two minutes in high quality mode (9600 bps). EtherVoice is an addition to EtherMail and allows voice recording and playback features for voice mail.

Requirements: Client/256K, DD, EtherLink, EtherShare Server Kit, Speech Command™ System, MS-DOS 2.1 Server/256K, DD, WD, EtherLink, EtherShare, EtherMail, MS-DOS 2.1

Part Number: 2243743-0001

Suggested Retail: \$150.00

*Speech Command is a trademark of Texas Instruments Incorporated.



NetWare™/E-TI

Novell

NetWare/E-TI is a local area network (LAN) operating system. Up to 64 TI- and IBM-compatible "client" PCs can be connected to a TIPC "server" with EtherLink hardware. The "server" manages the shared network resources which include up to three printers and 140 megabytes of disk storage.

Requirements: Client/128K, EtherLink, Ethernet - coaxial cabling and connections, MS-DOS 2.1

Server/256K (dedicated), 512K (concurrent), DD, WD, key card (included), EtherLink, NetWare/E-TI, MS-DOS 2.1

Part Number: 2311616-0001

Suggested Retail: \$1,495.00

NetWare/EMS

Novell

NetWare/EMS is an Electronic Mail System. Commands can be given in English phrases, such as "Open all mail from Marketing." Mail can be sent to an individual or group membership. NetWare/EMS has an "Express" option available to inform each recipient of the arrival of urgent mail.

Requirements: Client/128K, EtherLink, Ethernet - coaxial cabling and connections, MS-DOS 2.1

Server/256K, DD, WD, key card (included), EtherLink, NetWare/E-TI, MS-DOS 2.1

Part Number: 2311618-0001

Suggested Retail: \$295.00

NetWare/RM

Novell

NetWare/RM is a runtime package that allows implementation of applications that use the record and/or file-locking features of RM/COBOL, without change to the source code, in the MS-DOS or PC-DOS environment.

Requirements: Client/128K, EtherLink, Ethernet - coaxial cabling and connections, MS-DOS 2.1

Server/256K, DD, WD, key card (included), EtherLink, NetWare/E-TI, MS-DOS 2.1

Part Number: 2311617-0001

Suggested Retail: \$695.00

Open Access™

Software Products International, Inc.

Open Access is an integrated package that allows the user to crunch numbers, create 3-D color graphics, write reports, transmit data around the world, scan multiple files simultaneously and electronically arrange appointments. It consists of six applications: information management, spreadsheet, 3-D graphics, word processing, telecommunications and time management.

Requirements: 192K, 2DD, graphics, MS-DOS 2.1

Part Number: 2311587-0001

Suggested Retail: \$695.00

TTY Communications

Texas Instruments

TTY Communications is a communications package that allows the TI Professional Computer to interact with other terminals that have TTY capability. The data is transmitted asynchronously, character by character.

Requirements: 128K, DD, async comm, MS-DOS

Option: external modem

Part Number: 2223119-0001

Suggested Retail: \$60.00

Database/File Management

dBASE III™

Ashton-Tate

dBASE III is a relational database management software program designed for the 16-bit and larger computers. It allows the user to enter, manipulate and retrieve large volumes of data and develop customized application programs that put the data to work using simple English-like commands. dBASE III has a storage capacity of two billion records per file (limited by user's computer system) and 128 fields per database. Ten database files may be used simultaneously.

Requirements: 256K, 2DD, MS™-DOS 2.1

Part Number: 2311643-0001

Suggested Retail: \$695.00

*MS is a trademark of Microsoft Corporation.

Electric Desk™

Alpha® Software Corp.

Electric Desk is an integrated productivity tool that combines spreadsheet analysis, database management, word processing and communications functions. It has a window management system and an intuitive macro programming language which permits users to design small programs for routine applications.

Requirements: 256K, DD, modem, serial port, graphics, MS-DOS 2.1

Part Number: 2311599-0001

Suggested Retail: \$345.00

Framework™

Ashton-Tate

Framework includes a word processor, a spreadsheet, business graphics, data management, forms processing, an outline generator. Framework also contains procedural language available in any high level program.

Requirements: 512K, 2DD, MS-DOS 2.1

Part Number: 2311642-0001

Suggested Retail: \$695.00

LAN:DataCore™

Software Connections™, Inc.

LAN:DataCore is a multiuser relational database applications development tool for local area networks. It shortens program development time by providing a set of programmatic procedures to handle information storage and retrieval. LAN:DataCore provides automatic passive record locking for concurrent access protection. An audit trail and tamper detection are also included.

Requirements: 192K, DD, Ethernet™ or Omninet™, MS-DOS 2.1

Part Number: 2311604-0001/1-user

Suggested Retail: \$495.00

Part Number: 2311603-0001/5-user

Suggested Retail: \$945.00

*Ethernet is a trademark of Xerox Corporation.

*Omninet is a trademark of Corvus.

*EtherSeries is a trademark of 3Com Corporation.

LAN:DataStore™

Software Connections, Inc.

LAN:DataStore is a multiuser relational database management package designed for the network environment. It offers concurrent access protection, which permits several users to share database records at the same time without losing data.

Requirements: 192K, DD, Ethernet or Omninet, MS-DOS 2.1

Option: EtherSeries

Part Number: 2311588-0001/1-user

Suggested Retail: \$495.00

Part Number: 2311589-0001/5-user

Suggested Retail: \$945.00

Open Access™

Software Products International, Inc.

Open Access is an integrated package that allows the user to crunch numbers, create 3-D color graphics, write reports, transmit data around the world, scan multiple files simultaneously and electronically arrange appointments. It consists of six applications: information management, spreadsheet, 3-D graphics, word processing, telecommunications and time management.

Requirements: 192K, 2DD, graphics, MS-DOS 2.1

Part Number: 2311587-0001

Suggested Retail: \$695.00

PC/FOCUS

Information Builders, Inc.

PC/FOCUS is a complete database and application development system. It contains all of the components of its mainframe counterpart FOCUS, plus several new functions that include a communications program. PC/FOCUS provides a distributed processing environment where database transactions are entered, validated and formatted locally, then sent to the mainframe for processing.

Requirements: 512K, DD, WD, MS-DOS

Option: 8087 coprocessor

Part Number: 2311527-0001

Suggested Retail: \$1,595.00

pfs®:FILE

Software Publishing Corp.

pfs:FILE is an easy-to-use information management package that works like a filing system. You can design your own forms. You can enter data in any order and save and find it quickly. You can sort and print labels and search a file on any item or combination of items.

Requirements: 64K, DD, MS-DOS

Part Number: 2311495-0001

Suggested Retail: \$140.00

pfs:REPORT

Software Publishing Corp.

pfs:REPORT produces a multiple-column tabular report. It can sort information alphabetically or numerically and can perform calculations on numeric information. pfs:REPORT also produces averages, totals and counts.

Requirements: 64K, DD, pfs:FILE, MS-DOS

Part Number: 2311496-0001

Suggested Retail: \$125.00

SuperCalc® 3

Sorcim®/IUS™

SuperCalc 3 is a highly sophisticated financial tool. This spreadsheet can perform complex financial and numerical analysis. It helps solve modeling and forecasting problems, then produces presentation-quality graphics. SuperCalc 3 graphics include: line, bar, pie and exploding pie charts and X, Y, Hi-Lo, and area graphs.

Requirements: 128K, 2DD, MS-DOS or MS-DOS 2.1

Option: plotter, 3-plane graphics

Part Number: 2311509-0001

Suggested Retail: \$395.00

Financial Modeling and Planning

Arborist™

Texas Instruments Professional Computer or IBM PC

Arborist helps to graphically structure and analyze decision situations. It lets you interactively create and evaluate decision tree structures. Arborist includes the range of computational features associated with the decision tree approach to problem solving.

Texas Instruments version

TI Requirements: 512K, DD, 3-plane graphics, MS™-DOS or MS-DOS 2.1

Option: 768K

Part Number: 2240320-0001

Suggested Retail: \$595.00

IBM version

IBM Requirements: 512K, DD, Graphics controller, PC-DOS 1.x or 2.x

Part Number: 2535951-0001

Suggested Retail: \$595.00

*MS is a trademark of Microsoft Corporation.

Electric Desk™

Alpha® Software Corp.

Electric Desk is an integrated productivity tool that combines spreadsheet analysis, database management, word processing and communications functions. It has a window management system and an intuitive macro programming language which permits users to design small programs for routine applications.

Requirements: 256K, DD, modem, serial port, graphics, MS-DOS 2.1

Part Number: 2311599-0001

Suggested Retail: \$345.00

Investment Evaluator™

Dow Jones & Company, Inc.

The Investment Evaluator is a tool for gathering, organizing and analyzing portfolio information. The Portfolio Services portions of the program allow you to create, edit, update, display and analyze investment portfolios. The News Services portion enables you to locate, read, print or store information.

Requirements: 128K, DD, comm, MS-DOS

Part Number: 2311490-0001

Suggested Retail: \$149.00

Market Analyzer™

Dow Jones & Company, Inc.

Market Analyzer includes a special program for access to current and future databases on Dow Jones News/Retrieval. Important features include: access to exclusive news; automatic retrieval of historical stock quotes; stock bar charts showing the high, low, close and volume data; comparison/relative strength charts of different stocks; and moving averages and trend lines.

Requirements: 128K, DD, async comm with RS232 modem, 3-plane graphics, MS-DOS

Part Number: 2311491-0001

Suggested Retail: \$349.00

Market Microscope™

Dow Jones & Company, Inc.

The Market Microscope is a fundamental analysis tool for professional money managers, institutional investors, bank trust officers, pension fund managers, strategic planners and private investors. Data is collected from Dow Jones News/Retrieval, stored on a data disk, and then used for investment evaluation with either the Screening Routine or the Price Alert Routine.

Requirements: 128K, 2DD, modem, RS232C comm, MS-DOS

Part Number: 2311492-0001

Suggested Retail: \$349.00

Money Decisions™

Eagle Software Publishing, Inc.

Money Decisions helps financial decision makers in all disciplines analyze and compare options for loans, investments and business management. It has 70 of the most frequently used business/financial calculations preprogrammed. Money Decisions also includes a communication feature and a subscription to CompuServe's Executive Information Service.

Requirements: 128K, DD, MS-DOS

Part Number: 2311627-0001

Suggested Retail: \$259.00

Multiplan™

Microsoft Corp.

Multiplan is an electronic worksheet that is simple and easy to use but has more power and functionality than first-generation electronic worksheets. The spreadsheet is 63 columns wide and 255 rows deep. It is a tool that can be used in every management and decision making situation, including forecasting, hypothesizing, capital management, planning, tracking and production management.

Requirements: 128K, 2DD, MS-DOS or MS-DOS 2.1

Part Number: 2223187-0001

Suggested Retail: \$250.00

Open Access™

Software Products International, Inc.

Open Access is an integrated package that allows the user to crunch numbers, create 3-D color graphics, write reports, transmit data around the world, scan multiple files simultaneously and electronically arrange appointments. It consists of six applications: information management, spreadsheet, 3-D graphics, word processing, telecommunications and time management.

Requirements: 192K, 2DD, graphics, MS-DOS 2.1

Part Number: 2311587-0001

Suggested Retail: \$695.00

Portfolio Decisions™

Eagle Software Publishing, Inc.

Portfolio Decisions is a comprehensive portfolio management and reporting package that enables investors and financial advisors to track and monitor purchases, earnings, and sales transactions. It also provides access to online investment information services for instant price updates.

Requirements: 128K, 2DD, MS-DOS

Part Number: 2311628-0001

Suggested Retail: \$249.00

SuperCalc® 3

Sorcim®/IUS™

SuperCalc 3 is a highly sophisticated financial tool. This spreadsheet can perform complex financial and numerical analysis. It helps solve modeling and forecasting problems, then produces presentation-quality graphics. SuperCalc 3 graphics include: line, bar, pie and exploding pie charts and X, Y, Hi-Lo, and area graphs.

Requirements: 128K, 2DD, MS-DOS or MS-DOS 2.1

Option: plotter, 3-plane graphics

Part Number: 2311509-0001

Suggested Retail: \$395.00

Trajectories™

DBi Software Products

Trajectories is a comprehensive disk-based statistical analysis package for professional and research use. It is designed for users who are familiar with statistical procedures and theory. The documentation includes program algorithms, where applicable for each routine, and keys them by number to references in the appendix.

Requirements: 64K, DD, printer, CP/M-86® or MS-DOS

Part Number: 2311597-0001

Suggested Retail: \$395.00

*CP/M-86 is a registered trademark of Digital Research Incorporated.



Graphics

Access 10™

Digital Research, Inc.

Access 10 is designed for microcomputer users who want to use graphic software packages that currently exist on mainframe computers. The program converts a desktop microcomputer with graphics capability into a PLOT-10™ compatible terminal. Access 10 emulates a Tektronix® 4010 or 4014. Any mainframe graphics software that is PLOT-10 compatible can be accessed and displayed on the user's microcomputer. PLOT-10 compatible software includes: ISSCO's DISSPLA and TELL-A-GRAF, Tektronix' TCS and IGL, Precision Visual's DI 3000, Megatek's TEMPLATE and SAS/GRAPH.

Requirements: 192K, DD, 3-plane graphics, CP/M-86® or MS™-DOS 2.1

Option: color plotter, GSX™-86 for MS-DOS

Part Number: 2311522-0001

Suggested Retail: \$495.00

*MS is a trademark of Microsoft Corporation.

BPS Business Graphics™

Business & Professional Software, Inc.

The BPS Business Graphics software allows you to automatically create and present graphics from your data. The graphs can be drawn on the monitor, a plotter or can be printed. Data can be entered from the keyboard or from files generated by other programs such as 1-2-3™, Multiplan™ and EasyWriter™. Graphing alternatives include: lines, bars, pies, areas, pints, grids and combinations of elements.

Requirements: 128K, 2DD, graphics, MS-DOS or MS-DOS 2.1

Option: plotter

Part Number: 2311493-0001

Suggested Retail: \$350.00

*1-2-3 is a trademark of Lotus Development Corporation.

*EasyWriter is a trademark of Sorcim/IUS.

*Multiplan is a trademark of Microsoft Corporation.

DR Draw™

Digital Research, Inc.

DR Draw is designed to create visual displays for use in formal presentations or office communications. It is an alternative to current cut-and-paste methods of preparing visuals such as organization charts, project flow diagrams, logos, area layouts, block diagrams and formal presentation slides. DR Draw is based on DRI™'s Graphics System Extension (GSX).

Requirements: 128K-CP/M-86 or MS-DOS, 256K-Concurrent CP/M-86™, DD, 3-plane graphics

Option: color plotter, GSX-86 for MS-DOS

Part Number: 2311521-0001

Suggested Retail: \$295.00

DR Graph™

Digital Research, Inc.

DR Graph lets you create business charts, graphs, or any combination of the two, and you can even build graphs from electronic spreadsheets such as SuperCalc. DR Graph also lets you write comments on your graphs. You control the size and color of the type and can choose from four type styles. DR Graph has eight colors and six patterns for customized highlighting.

Requirements: 192K-CP/M-86 or MS-DOS, 256K-Concurrent CP/M-86, DD, 3-plane graphics

Option: color plotter, GSX-86 for MS-DOS

Part Number: 2311498-0001

Suggested Retail: \$195.00

GSX™-86 for MS-DOS

Digital Research, Inc.

GSX-86, which is the Graphic System Extension to the CP/M and MS-DOS families of operating systems, provides graphics capabilities through standard O/S calls. GSX is based on the ANSI Virtual Device Interface to provide portability across systems and devices. The program includes a library of fully-supported graphics device drivers and is intended for use by application developers and systems programmers.

Requirements: 128K, DD, 3-plane graphics, MS-DOS 2.1

Option: color plotter and other devices

Part Number: 2311520-0001

Suggested Retail: \$90.00

Open Access™

Software Products International, Inc.

Open Access is an integrated package that allows the user to crunch numbers, create 3-D color graphics, write reports, transmit data around the world, scan multiple files simultaneously and electronically arrange appointments. It consists of six applications: information management, spreadsheet, 3-D graphics, word processing, telecommunications and time management.

Requirements: 192K, 2DD, graphics, MS-DOS 2.1

Part Number: 2311587-0001

Suggested Retail: \$695.00

SuperCalc® 3

Sorcim®/IUS™

SuperCalc 3 is a highly sophisticated financial tool. This spreadsheet can perform complex financial and numerical analysis. It helps solve modeling and forecasting problems, then produces presentation-quality graphics. SuperCalc 3 graphics include: line, bar, pie and exploding pie charts and X, Y, Hi-Lo, and area graphs.

Requirements: 128K, 2DD, MS-DOS or MS-DOS 2.1

Option: plotter, 3-plane graphics

Part Number: 2311509-0001

Suggested Retail: \$395.00

Word Processing

EasyWriter II™ System

Sorcim®/IUS™

EasyWriter II System is a complete, integrated word processing system that includes EasyWriter II, EasySpeller II™ and EasyMailer II™. You can use EasySpeller II with EasyWriter II to check spelling against its 89,000-word dictionary. You can generate mailing labels and personalized mail with EasyMailer II, a versatile mail-merge program.

Requirements: 128K, 2DD, MS™-DOS or MS-DOS 2.1

Part Number: 2311505-0001

Suggested Retail: \$395.00

*MS is a trademark of Microsoft Corporation.

Electric Desk™

Alpha® Software Corp.

Electric Desk is an integrated productivity tool that combines spreadsheet analysis, database management, word processing and communications functions. It has a window management system and an intuitive macro programming language which permits users to design small programs for routine applications.

Requirements: 256K, DD, modem, serial port, graphics, MS-DOS 2.1

Part Number: 2311599-0001

Suggested Retail: \$345.00

MultiMate™

MultiMate International Corp.

MultiMate is a professional word processing system that allows you to access over 100 features and functions with one or two keystrokes. Prompts are in plain English. MultiMate supports sheet feeders with up to three bins. The 80,000-word dictionary looks for your spelling errors.

Requirements: 256K, 2DD, MS-DOS or MS-DOS 2.1

Part Number: 2244751-0001

Suggested Retail: \$495.00

Open Access™

Software Products International, Inc.

Open Access is an integrated package that allows the user to crunch numbers, create 3-D color graphics, write reports, transmit data around the world, scan multiple files simultaneously and electronically arrange appointments. It consists of six applications: information management, spreadsheet, 3-D graphics, word processing, telecommunications and time management.

Requirements: 192K, 2DD, graphics, MS-DOS 2.1

Part Number: 2311587-0001

Suggested Retail: \$695.00

Samna Word III™

SAMNA Corp.

Samna Word III is an enhanced version of Samna Word II. Its features include three levels of help functions, an on-screen tutorial, unlimited horizontal scroll with folding, split-screen editing capability, automatic hyphenation, headers/footers, footnote tie-in, global search and replace and a zoom-down feature that allows the user to view the formatted page in miniature. It also has support for French, German, Spanish, Canadian bilingual and Greek/Math keyboards.

Requirements: 256K/MS-DOS or 320K/MS-DOS 2.1, 2DD, graphics

Part Number: 2311602-0001

Suggested Retail: \$550.00

ThinkTank™

Living Videotext, Inc.

ThinkTank is an outline processor that you can use to develop and organize ideas into an outline format. An integrated word processor lets you add, move or copy text to any section of the outline.

Requirements: 256K, DD, MS-DOS 2.1

Part Number: 2311638-0001

Suggested Retail: \$195.00

Volkswriter® Deluxe

Lifetree Software, Inc.

Volkswriter Deluxe is a word processor with an on-screen tutorial so complete that the user can learn most functions without consulting the TI specific manual. The TI function keys are used frequently and this program can manipulate columns, list files on disk, display and print special characters and merge text. Formatting commands can be embedded in the text for complex text formatting.

Requirements: 128K, 2DD, MS-DOS or MS-DOS 2.1

Part Number: 2311609-0001

Suggested Retail: \$295.00

WordStar® 3.3

MicroPro International Corp.

WordStar 3.3 enables you to write simple documents such as letters and memos or complex documents such as books with footnotes and annual reports with columns of numbers.

Requirements: 192K, DD, MS-DOS or MS-DOS 2.1

Part Number: 2311620-0001

Suggested Retail: \$350.00

WordStar Professional 3.3

MicroPro International Corp.

WordStar Professional 3.3 is a combination package that includes the WordStar 3.3, MailMerge 3.3, SpellStar 3.3 and StarIndex software packages.

Requirements: 128K, DD, MS-DOS or MS-DOS 2.1

Part Number: 2311621-0001

Suggested Retail: \$495.00

Programming Languages & Development Tools

CBASIC-86™

Digital Research, Inc.

CBASIC-86 is a commercial dialect of the popular BASIC language. Implemented as a compiler/interpreter, CBASIC-86 features extended-precision decimal arithmetic, expanded file processing, comprehensive string processing, an assembly code interface, debugging capabilities and a cross-reference lister.

Requirements: 128K-CP/M-86® or 256K-Concurrent CP/M-86™, 2DD

Part Number: 2232360-0001

Suggested Retail: \$180.00

QLISP™

Integral Quality, Inc.

QLISP consists of an interpreter for the Lisp programming language and a set of support routines written in Lisp. The support routines include a structure editor, error monitor and macros to extend the Lisp language.

Requirements: 192K, DD, MS™-DOS or MS-DOS 2.1

Option: 3-plane graphics

Part Number: 2311583-0001

Suggested Retail: \$175.00

*MS is a trademark of Microsoft Corporation.

Macro Assembler

Microsoft Corp.

The Macro Assembler is an assembler for 8088 based computers. It produces relocatable object code. Relocatable code means that programs can be created in modules, each of which can be assembled, tested and perfected individually.

Requirements: 128K, DD, MS-DOS

Part Number: 2234234-0001

Suggested Retail: \$100.00

MS-BASIC 1.2

Microsoft Corp.

MS-BASIC 1.2 is an extensive implementation of BASIC for microprocessors. It meets the requirements of the ANSI subset standard for BASIC and supports many unique features found in other BASICs. Advanced features of MS-BASIC 1.2 include: full-screen editor, keyboard input of keywords, RS-232-C asynchronous communication support, event trapping, advanced music capabilities and advanced graphics capabilities.

Requirements: 128K, DD, MS-DOS

Part Number: 2223153-0001

Suggested Retail: \$40.00

MS-BASIC Compiler

Microsoft Corp.

MS-BASIC Compiler is the ideal addition to the BASIC programmer's software library. The MS-BASIC Compiler improves the performance of a BASIC program as much as 130 times with little or no program modification. Advance features of MS-BASIC Compiler include: full-screen editor, keyboard input of keywords, RS-232-C asynchronous communication support, event trapping, advanced music capabilities and advanced graphics capabilities.

Requirements: 128K, DD, MS-DOS

Part Number: 2237362-0001

Suggested Retail: \$300.00

MS-COBOL

Microsoft Corp.

MS-COBOL is an extensive implementation of COBOL for microprocessors. The data in COBOL programs is arranged hierarchically and stored in a logical structure with direct connections between related data. Once coded, this structure can be stored in a file and retrieved by one statement. MS-COBOL is ANSI standard and GSA validated.

Requirements: 64K, DD, MS-DOS

Part Number: 2223165-0001

Suggested Retail: \$750.00

MS-FORTRAN 3.2

Microsoft Corp.

This FORTRAN compiler is based on the ANSI 77 standard with extensions to provide even greater programming power and flexibility. Complex numbers are supported that conform to the ANSI 77 standard. Support for very large programs and double precision complex data types are included. Also included is a BCD floating-point format in which decimal floating-point numbers up to 14 digits can be represented exactly.

Requirements: 192K, DD, MS-DOS

Option: 8087 coprocessor

Part Number: 2223159-0002

Suggested Retail: \$350.00

MS-Pascal 3.2

Microsoft Corp.

This Pascal compiler includes native code compilation, 8087 coprocessor support, IEEE and BCD single and double precision real numbers, extended array and string support, long heap data allocation, separate module compilation and overlay support. NEW and DISPOSE library routines support data beyond the default size. This compiler also features expanded string support (LSTRING type) and Super arrays that can be used as a formal reference parameter in a procedure or function.

Requirements: 192K, DD, MS-DOS

Option: 8087 coprocessor

Part Number: 2223171-0002

Suggested Retail: \$300.00

Personal Consultant™ Expert System Development Tools

Texas Instruments Professional Computer or IBM PC

This program allows software developers to design and deliver rule based expert systems on personal computers. It may be used to explore and develop prototypes of new applications of expert system technology. The system can coexist with conventional applications written for compatibility with MS-DOS. It includes the Personal Consultant Development Software, two sample knowledge bases, IQLISP programming language and documentation. As an option, the developer wishing to distribute multiple copies of a commercial application, a set of runtime utilities is available with the completion of a licensing and royalty agreement. The Personal Consultant runtime license option requires a licensing fee and includes a runtime software utilities diskette and documentation. There is an additional royalty fee per copy for each application produced.

Requirements: 512K, DD, WD, MS-DOS or MS-DOS 2.1

Option: 3-plane graphics, 8087 coprocessor

Texas Instruments version

Part Number: 2243737-0001

Suggested Retail: \$3,000.00

IBM version

Part Number: 2535955-0001

Suggested Retail: \$3,000.00



TI EXPRESS SOFTWARE ORDER FORM

MAIL ORDER TO

Texas Instruments Incorporated
Data Systems Group
P.O. Box 1444 M/S 7722
Houston, Texas 77251
Attn: TI Express Customer Service

TELEPHONE ORDERS:

U.S. 800-847-2787

DATE: / / PURCHASE ORDER NO. _____

CUSTOMER QUANTITY PURCHASE AGREEMENT NO. _____

CUSTOMER CONTACT: _____

TELEPHONE NUMBER: () EXT: _____

SPECIAL INSTRUCTIONS: ☐ NO PARTIAL SHIPMENT ☐ INTRANSIT INSURANCE
☐ OPEN ACCOUNT ☐ CHECK/M.O.

TAXABLE ☐ YES TAX BOND OR EXEMPT NO. (IF APPLICABLE) _____

☐ NO

☐ SPECIAL SHIPPING VIA _____

BILLING ADDRESS

COMPANY: _____ SHIPPING ADDRESS: ☐ SAME

DEPT./ATTN: _____

STREET: _____

CITY: _____

STATE: _____

ORDER ITEM NO.	TI EXPRESS PART NO.	DESCRIPTION	QUANTITY	UNIT PRICE	DISCOUNT	TOTAL AMOUNT
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METHOD OF PAYMENT

☐ VISA ☐ MASTERCARD ☐ AMERICAN EXPRESS

CARD
NUMBER

EXPIRATION DATE: / /

BY EXECUTING THIS ORDER, I ACKNOWLEDGE THAT I HAVE READ, UNDERSTOOD AND
ACCEPT THE TERMS AND CONDITIONS STATED IN THE CATALOG.

X

AUTHORIZED SIGNATURE

DATE

**MERCHANDISE
TOTAL**

TAX

SHIP-INS.

TOTAL

TI EXPRESS STANDARD TERMS AND CONDITIONS

ANY TERM, CONDITION AND/OR PROVISION ("TERMS") OF BUYER'S ORDER WHICH IS IN ANY MANNER INCONSISTENT WITH OR IN ADDITION TO THESE TERMS SHALL NOT BE APPLICABLE HERETO OR BINDING UPON TEXAS INSTRUMENTS INCORPORATED ("TI"). IF BUYER OBJECTS TO ANY TERMS HEREIN, SUCH OBJECTION MUST BE IN WRITING AND RECEIVED BY TI AT TI'S TEXAS HOME OFFICE PRIOR TO COMMENCEMENT OF PERFORMANCE BY TI TO BUYER OF ANY PRODUCTS DELIVERED BY TI HEREUNDER. SHALL BE CONCLUSIVELY DEEMED ACCEPTANCE OF THE TERMS HEREOF. TI'S FAILURE TO OBJECT TO TERMS CONTAINED IN ANY COMMUNICATION FROM BUYER WILL NOT BE A WAIVER OF THE TERMS HEREOF.

1. DEFINITIONS

As used in these Standard Terms and Conditions of Sale the following terms shall mean:

- Equipment - the item(s) of hardware delivered hereunder, including spare and repair parts thereof.
- Programs - Software, in whatever form (including that which is ROM-resident), subsequent revisions, improvements or updates thereto, and listings, manuals, logic diagrams, flow charts, and data tables.
- Products - includes both Equipment and Programs.
- Price List - TI's then-current applicable price list.

2. PRICES

The prices shall be TI's standard prices which are in effect at the time TI accepts Buyer's order. Each party acknowledges that the purchase price reflects the allocation of risk expressed herein. Prices are exclusive of all taxes now in force or enacted in the future and, therefore, are subject to an increase equal in amount to any tax TI may be required to collect or pay upon the sale or delivery of any Products or on this transaction.

3. TITLE; DELIVERY; INSPECTION

Products shall be delivered F.O.B. TI's point of shipment. Title to Equipment and liability for loss or damage to the Products shall pass to Buyer upon TI's tender of the Products to a carrier for shipment to Buyer. Title to Programs is governed by paragraph 5.C. Buyer shall bear all transportation and Buyer-requested insurance expenses including any associated taxes, duties or documentation. TI may deliver the Products in installments. Shipping dates are approximate only and TI shall not be liable for any loss or expense (consequential or otherwise) incurred by Buyer or Buyer's customers if TI fails to meet the specified delivery schedule. Shipments will be freight collect unless otherwise specified.

All provisions of this Paragraph 3 apply to both domestic and international shipments except that title to Equipment shipped outside the U.S. shall pass at the point of destination; liability for loss or damage and all expenses associated with Products shipped outside the U.S. shall continue to be the responsibility of the Buyer. Notwithstanding any other provisions of this Paragraph 3 to the contrary, title to Equipment sold to international subsidiaries of TI shall pass at the point of destination, and TI shall be liable for loss or damage to the Products until receipt by Buyer at point of destination.

Buyer shall have a reasonable time, not to exceed five (5) working days, from date of receipt to inspect the Products. Buyer will notify TI in writing of particular deficiencies of the Products during the inspection period. Failure to give notice or particularize the deficiencies will result in Buyer's acceptance of the Products.

4. DEFERMENTS AND CANCELLATIONS

Buyer may defer or cancel shipments of TI Price List Products by providing advance written notice and paying TI any applicable charges as set forth in the Price List for such Products or in a signed quantity purchase agreement between the parties.

For TI non-price list Products: (i) Buyer shall have no deferment rights; and, (ii) Buyer shall be liable for cancellation charges which shall include a price adjustment based on the quantity of Products actually delivered and all costs direct or indirect, incurred and committed for this contract together with a reasonable allowance for prorated expenses and profits.

5. SOFTWARE PROGRAM LICENSE

Programs obtained from TI shall be subject to the following terms and conditions:

- Subject to the provisions of Paragraph 5.B. below, Buyer is granted the right to use, modify and copy the Programs where allowed in the Price List.
- When used in this Paragraph and in the Price List the terms described below shall have the following meaning:
Use: Where the program package contains a separate license agreement, the right to use is determined by that agreement. Otherwise, use means a non-transferable and non-exclusive license to use the Programs on a single central processing unit ("CPU") to be identified by letter if the host CPU is not purchased from TI.

Programs that may be copied are identified in the Price List. Copies in whatever form must reproduce the copyright notices or other notices that are contained in the software code and on the media label. In the event that Buyer wishes to use Programs on a CPU other than that listed above, TI will grant Buyer a license upon the same terms and conditions contained in this Paragraph upon payment to TI of the applicable fees (if any) stated in the Price List and notice to TI describing the additional CPU by manufacturer, model and serial number.

Modify: The right of Buyer to develop other programs which include any portion of a Program in any identifiable form.

- Each of the Programs will at all times remain with the owner of the Programs. Buyer has no right to distribute, transfer or otherwise make available the Programs (or modified versions) or copies thereof in whole or in part to anyone.

Where software support is provided by TI, it will be as described in the Price List and such support will be available hereunder only to Buyer. Otherwise, software support, if any, will be provided by the party identified in the Price List or in a separate end user license agreement contained in the program package.

EXCEPT FOR THE EXPRESS WARRANTIES STATED IN THIS AGREEMENT, TI AND ITS LICENSORS JOINTLY AND SEVERALLY DISCLAIM ALL OTHER CONDITIONS AND WARRANTIES, WHETHER EXPRESS OR IMPLIED, WITH REGARD TO THE PROGRAMS LICENSED HEREUNDER, INCLUDING ALL IMPLIED CONDITIONS OR WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. In no event will TI or its licensors be liable for any damages or losses arising from performance or non-performance of the Programs or for any lost profits or other economic losses or consequential damages, even if either of them have been advised of the possibility of such damages, or of any claim against Buyer by any other party, except as provided in Paragraph 11 below. Remedies, damages and limitations are fully specified in Paragraphs 7, 9, and 10 below where the word "TI" is deemed to mean both Texas Instruments Incorporated and its licensors.

The Buyer's rights under this Paragraph will automatically terminate upon any breach or default by Buyer in the performance of this contract, or in the event that there is filed by or against Buyer any petition in bankruptcy or reorganization, or if Buyer attempts to assign this contract for the benefit of creditors.

The above license does not cover those programs listed in TI's Price List as requiring a separate Program License Agreement.

6. TERMS AND METHOD OF PAYMENT

Terms of payment shall be net thirty (30) days from date of invoice subject to initial and continuing credit approval. All amounts are payable to TI at the address shown on the invoice. On noncredit sales, shipment shall be, at TI's election, either cash with order, or other normal commercial means. All collection costs shall be borne by Buyer.

If the Products are delivered in installments, Buyer shall pay for each installment in accordance with the terms hereof unless Buyer's purchase order specified "no partial shipment." Payment shall be made for the Products without regard to whether Buyer has made or may make any inspection of the Products. Products held for Buyer are at Buyer's sole risk and expense.

7. CONTINGENCIES AND EQUIPMENT

TI is not liable, either wholly or in part, for non-performance or a delay in performance due to force majeure or contingencies or causes beyond the reasonable control of TI or TI's suppliers. Production and deliveries may be allocated by TI if such happenings occur.

Material, tools, dies, and other property furnished by Buyer shall be at Buyer's risk and expense. TI may modify the specifications of Products designed by TI provided that the modifications will not materially affect the performance of the Products.

8. WARRANTY

THE FOLLOWING WARRANTIES FOR PRODUCTS ARE IN LIEU OF ALL CONDITIONS OR WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED CONDITIONS OR WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND OF ANY OTHER WARRANTY OBLIGATION ON THE PART OF TI.

TI warrants that at the time of delivery TI has title to the Equipment free and clear of any and all liens and encumbrances, has the right to distribute Programs, and has the right to grant the licenses provided herein. TI warrants the Equipment (other than expendable items such as fuses, light bulbs, etc.) against faulty workmanship or the use of defective materials for the periods set forth in the Price List; such warranties are granted only in the United States. TI, EXCEPT AS OTHERWISE HEREIN-ABOVE PROVIDED, MAKES NO WARRANTY FOR THE PROGRAMS (INCLUDING THOSE WHICH ARE ROM RESIDENT), WHICH ARE PROVIDED SOLELY ON AN "AS-IS" BASIS. Buyer's remedies and TI's liability with respect to Programs are only those set forth in Paragraph 9 below.

Continued use or possession of the Equipment after expiration of the applicable warranty period shall be conclusive evidence that the warranty is fulfilled to the full satisfaction of Buyer, unless Buyer has previously notified TI of a breach of warranty.

TI's warranties as set forth above are the only warranties made by TI and shall not be enlarged, diminished or affected by, and no obligation or liability shall arise or grow out of, TI's rendering of technical, programming, or other advice or service in connection with the Products.

9. REMEDIES AND DAMAGES

TI'S SOLE AND EXCLUSIVE MAXIMUM LIABILITY AND BUYER'S SOLE AND EXCLUSIVE REMEDY under the warranty contained in Paragraph 8 above shall be, at TI's option, to repair, replace (with new or functionally operative parts) or credit Buyer's account for any defective Equipment parts during the applicable warranty period and, although no warranty is given for Programs, to replace or credit Buyer's account for any Programs which are returned by Buyer during the 90-day period following shipment by TI. Replacement of defective Equipment parts by TI is based on an assembly or component replacement only. However, TI at its option, may replace entire units. Service labor required to replace defective Equipment parts will be free of charge for a period set forth in the Price List provided the labor is performed during the hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (excluding holidays of TI), either (a) on-site at a point located not more than 100 miles from the TI Service Office designated by TI to maintain each item of Equipment ("TI Service Office"); or, (b) at a TI central repair depot for those items of Equipment designated in the Price List as requiring central depot repair. Buyer will pay TI's Standard Service Rates for travel time, transportation and substance expenses where on-site service is performed during such warranty period outside of the 100 mile area. If preferred, in lieu of on-site service, Buyer may return Equipment to the nearest designated TI Service Office or to any TI central repair depot for warranty repair with shipment both ways and in-transit loss or damage at Buyer's risk and expense. Defective Equipment parts returned by Buyer to TI for repair service during the applicable warranty period that are not in the original shipping container will be replaced by TI at Buyer's expense. Buyer agrees to pay for all service expenses not covered by this warranty at TI's then-current Standard Service Rates. The remedy condition that: (i) TI is promptly notified in writing upon discovery by Buyer that such Equipment failed to conform to this contract or such Programs contained coding errors, with a detailed explanation of any alleged deficiencies or errors; (ii) Buyer certifies that he has destroyed all copies of returned Programs; and (iii) TI's examination of such Products discloses that such alleged deficiencies or errors actually existed and were not caused by accident, fire or other hazard, misuse, neglect, alteration, improper testing, storage, installation or attempts to repair; any cause beyond the range of normal usage, use of supplies not meeting TI specifications or Buyer's failure to timely perform the preventive maintenance defined in the appropriate TI Operations Manual or those of its vendors. If TI elects to repair or replace the Products, TI shall have a reasonable time to do so. All such remedies are available only in the United States. Such repair, replacement, correction or credit shall constitute fulfillment of all liability of TI to Buyer whether based in contract, tort or otherwise.

If TI breaches any provisions of this contract, TI'S SOLE AND EXCLUSIVE MAXIMUM LIABILITY AND BUYER'S SOLE AND EXCLUSIVE REMEDY whether based in contract, warranty, tort or otherwise, shall not in any event, except as expressly provided herein, exceed the contract price for the particular item of Products involved.

Actions, however asserted, shall be commenced within one year from the date the cause of action accrues; provided, however, an action for nonpayment may be commenced at any time within four years from the date the cause of action for nonpayment accrues.

10. DISCLAIMER OF ECONOMIC LOSSES AND CONSEQUENTIAL DAMAGES

IN NO EVENT SHALL TI BE LIABLE TO ANYONE FOR SPECIAL, COLLATERAL, EXEMPLARY, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LOSSES WHETHER SUCH DAMAGES OCCUR EITHER PRIOR OR SUBSEQUENT TO, OR ARE ALLEGED AS A RESULT OF, TORTIOUS CONDUCT OR BREACH OF WARRANTY OR BREACH OF ANY OF THE PROVISIONS OF THIS CONTRACT EVEN IF TI HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. SUCH EXCLUDED DAMAGES AND LOSSES INCLUDE, BUT ARE NOT LIMITED TO, COST OF REMOVAL AND REINSTALLATION OF PRODUCTS OR ITEMS, OUTSIDE COMPUTER TIME, LABOR COSTS, LOSS OF GOODWILL, LOSS OF PROFITS, LOSS OF SAVINGS, LOSS OF USE OR INTERRUPTION OF BUSINESS, OR OTHER DIRECT OR CONSEQUENTIAL ECONOMIC LOSS.

11. PATENT & COPYRIGHT INDEMNIFICATION

TI will defend at its expense any action brought against Buyer to the extent that it is based on a claim that any Product manufactured, developed and supplied by TI to Buyer hereunder is alleged to constitute direct infringement of any duly issued United States patent or infringement of any copyright in the United States. TI will pay all damages and costs finally awarded against Buyer in such action which are attributable to such action, provided that TI is promptly informed in writing and furnished a copy of each communication, notice or other action relating to the alleged infringement and is given authority, information and assistance (at TI's expense) necessary to defend or settle such claim. Should the Products delivered by TI hereunder become, or in TI's opinion be likely to become, the subject of a claim of infringement of any United States patent or any copyright in the United States, then TI may at its option: (i) procure for the Buyer the right to use such Products free of any liability for infringement; or (ii) replace such Products with non-infringing substitutes otherwise complying substantially with all the requirements of this contract; or (iii) refund the purchase price less a reasonable charge for use, and accept the return of such Products. TI will not be obligated to defend, or be liable for costs and damages, if the infringement arises out of compliance with the Buyer's specification, or from a combination with, or an addition to, products not manufactured and developed by TI, or a modification of the Products after delivery by TI, or the use of such Products in the practice of a process.

If the infringement by the Buyer is alleged prior to completion of delivery of the Products under this contract, TI may decline to make further shipments without being in breach of this contract, and, provided TI has not been enjoined from selling the Products to Buyer, TI agrees to supply such Products to Buyer at Buyer's option, in which case the indemnity obligations stated in this Paragraph 11 with respect to TI shall reciprocally apply with respect to Buyer.

If any action is brought against TI based on a claim that the Products manufactured or developed by TI in compliance with the Buyer's specifications and supplied to Buyer directly infringe any duly issued United States patent or copyright in the United States, then the indemnity obligations stated in this Paragraph 11 shall reciprocally apply with respect to Buyer.

The sale by TI of Products under this contract does not grant to or convey or confer upon Buyer or Buyer's customers, or upon anyone claiming under Buyer, a license express or implied by estoppel or otherwise, under any patent rights or any other proprietary rights of TI covering or relating to any combination, machine or process in which said Products might be or are used.

THE FOREGOING STATES THE SOLE AND EXCLUSIVE LIABILITY OF THE PARTIES OF THIS CONTRACT FOR PATENT AND COPYRIGHT INFRINGEMENT AND IS IN LIEU OF ALL CONDITIONS OR WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, IN REGARD THERETO.

12. NONWAIVER OF DEFAULT

Each shipment made hereunder shall be considered a separate transaction. In the event of any default by Buyer, TI may decline to make further shipments. If TI elects to continue to make shipments, TI's actions shall not constitute a waiver of any default by Buyer or in any way affect TI's legal remedies for any such default.

13. APPLICABLE LAW

The validity, performance and construction of this contract shall be governed by the laws of the State of Texas for contracts made and to be performed in the State of Texas.

14. U.S. GOVERNMENT CONTRACTS AND NON-STANDARD PRODUCTS

For purchases of TI Products, no U.S. Government Procurement regulations will apply to the performance hereunder without a separate definitive agreement signed by both parties, and neither TI's order acknowledgment form nor performance of the parties shall be deemed to imply otherwise.

For purchases of TI non-price list Products, no contract shall exist until the terms and conditions are mutually agreed to by the parties on a separate definitive agreement signed by both parties, and neither TI's order acknowledgment form nor performance of the parties shall be deemed to imply otherwise.

15. ASSIGNMENTS AND SEVERABILITY

This contract shall not be assigned or transferred by Buyer without the prior written consent of TI. Any attempted assignment or transfer of any of the rights, duties or obligations of this contract without the prior consent of TI shall be void. If consent is given, this contract shall be binding upon and inure to the benefit of the assign.

If any provision of this contract is held invalid, the other provisions shall not be affected.

16. LEGAL COMPLIANCE

The Products covered by this Agreement may be subject to export restriction by the U.S. Government. Prior to exportation, Buyer agrees to obtain any licenses which may be required under the applicable laws of the U.S., including the Export Administration Act and Regulations.

Buyer acknowledges that Equipment sold hereunder is intended to be used only in a business, commercial, or industrial environment, and that additional requirements such as but not limited to FCC regulations governing the amount of electromagnetic interference which may be generated or radiated by the Equipment, or other Federal, State, or local regulations, may be applicable if the Equipment is used in a residential or consumer environment.

17. MODIFICATION

THIS CONTRACT CONSTITUTES A FINAL WRITTEN EXPRESSION OF ALL THE TERMS OF THE AGREEMENT BETWEEN THE PARTIES, AND IS A COMPLETE AND EXCLUSIVE STATEMENT OF THOSE TERMS. IT SUPERSEDES ALL UNDERSTANDINGS AND NEGOTIATIONS CONCERNING THE MATTERS SPECIFIED HEREIN. ANY REPRESENTATIONS, ORAL STATEMENTS, PROMISES OR WARRANTIES MADE BY EITHER PARTY THAT DIFFER IN ANY WAY FROM THE TERMS OF THIS CONTRACT SHALL BE GIVEN NO FORCE OR EFFECT. TI AND BUYER SPECIFICALLY REPRESENT, EACH TO THE OTHER, THAT THERE ARE NO ADDITIONAL OR SUPPLEMENTAL AGREEMENTS BETWEEN THEM RELATED IN ANY WAY TO THE PRODUCTS OR THE USE OR SERVICE THEREOF. UNLESS COPIES OF THE SAME ARE PRESENTLY ATTACHED HERETO AND MADE A PART HEREOF, NO ADDITION TO OR MODIFICATION OF ANY PROVISION OF THE CONTRACT SHALL BE BINDING UPON TI UNLESS MADE IN WRITING AND SIGNED BY A DULY-AUTHORIZED REPRESENTATIVE OF TI LOCATED AT TI'S TEXAS HOME OFFICE. COPIES OF DEALING OR USAGE OF TRADE OR COURSE OF PERFORMANCE SHALL BE RELEVANT TO EXPLAIN OR SUPPLEMENT ANY TERM EXPRESSED IN THIS CONTRACT.

MAINTENANCE

THE TERMS AND CONDITIONS APPLICABLE TO MAINTENANCE OF TI'S EQUIPMENT ARE THOSE STATED IN TI'S APPLICABLE MAINTENANCE SERVICE AGREEMENT AND NOT THOSE STATED ABOVE.

LEASES

THE TERMS AND CONDITIONS APPLICABLE TO THE LEASE OF TI'S EQUIPMENT ARE THOSE STATED IN TI'S APPLICABLE LEASE AGREEMENT AND NOT THOSE STATED ABOVE.

TI EXPRESS SOFTWARE ORDER FORM

MAIL ORDER TO

Texas Instruments Incorporated
Data Systems Group
P.O. Box 1444 M/S 7722
Houston, Texas 77251
Attn: TI Express Customer Service

TELEPHONE ORDERS:
U.S. 800-847-2787

DATE: / / PURCHASE ORDER NO. _____

CUSTOMER QUANTITY PURCHASE AGREEMENT NO. _____

CUSTOMER CONTACT: _____

TELEPHONE NUMBER: () EXT:

SPECIAL INSTRUCTIONS: ☐ NO PARTIAL SHIPMENT ☐ INTRANSIT INSURANCE
☐ OPEN ACCOUNT ☐ CHECK/M.O.

TAXABLE ☐ YES TAX BOND OR EXEMPT NO. (IF APPLICABLE)☐ NO _____☐ SPECIAL SHIPPING VIA _____

BILLING ADDRESS

COMPANY: _____ COMPANY: _____

DEPT./ATTN: _____ DEPT /ATTN: _____

STREET: _____ STREET: _____

CITY: _____ CITY: _____

STATE: _____ STATE: _____

SHIPPING ADDRESS: ☐ SAME

COMPANY: _____

DEPT./ATTN: _____

STREET: _____

CITY: _____

STATE: _____

ORDER ITEM NO.	TI EXPRESS PART NO.	DESCRIPTION	QUANTITY	UNIT PRICE	DISCOUNT	TOTAL AMOUNT
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**MERCHANDISE
TOTAL**

TAX

SHIP-INS.

TOTAL

METHOD OF PAYMENT

☐ VISA ☐ MASTERCARD ☐ AMERICAN EXPRESS

[illegible]

EXPIRATION DATE: / /

BY EXECUTING THIS ORDER, I ACKNOWLEDGE THAT I HAVE READ, UNDERSTOOD AND
ACCEPT THE TERMS AND CONDITIONS STATED IN THE CATALOG.

X

AUTHORIZED SIGNATURE

DATE _____

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A. Subject to the provisions of Paragraph 5.B. below, Buyer is granted the right to use, modify and copy the Programs where allowed in the Price List.

B. When used in this Paragraph and in the Price List the terms described below shall have the following meaning:

Use: Where the program package contains a separate license agreement, the right to use is determined by that agreement. Otherwise, use means a non-transferable and non-exclusive license to use the Programs on a single central processing unit ("CPU") to be identified by letter if the host CPU is not purchased from TI.

Programs that may be copied are identified in the Price List. Copies in whatever form must reproduce the copyright notices or other notices that are contained in the software code and on the media label. In the event that Buyer wishes to use Programs on a CPU other than that listed above, TI will grant Buyer a license upon the same terms and conditions contained in this Paragraph upon payment to TI of the applicable fee (if any) stated in the Price List and notice to TI describing the additional CPU by manufacturer, model and serial number.

Modify: The right of Buyer to develop other programs which include any portion of a Program in any identifiable form.

C. Title to each of the Programs will at all times remain with the owner of the Programs. Buyer has no right to distribute, transfer or otherwise make available the Programs (or modified versions) or copies thereof in whole or in part to anyone.

Where software support is provided by TI, it will be as described in the Price List and such support will be available hereunder only to Buyer. Otherwise, software support, if any, will be provided by the party identified in the Price List or in a separate end user license agreement contained in the program package.

EXCEPT FOR THE EXPRESS WARRANTIES STATED IN THIS AGREEMENT, TI AND ITS LICENSORS JOINTLY AND SEVERALLY DISCLAIM ALL OTHER CONDITIONS AND WARRANTIES, WHETHER EXPRESS OR IMPLIED, WITH REGARD TO THE PROGRAMS LICENSED HEREUNDER, INCLUDING ALL IMPLIED CONDITIONS OR WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. In no event will TI or its licensors be liable for any damages or losses arising from performance or non-performance of the Programs or for any lost profits or other economic losses or consequential damages, even if either of them have been advised of the possibility of such damages, or of any claim against Buyer by any other party, except as provided in Paragraph 11 below. Remedies, damages and limitations are fully specified in Paragraphs 7, 9, and 10 below where the word "TI" is deemed to mean both Texas Instruments Incorporated and its licensors.

The Buyer's rights under this Paragraph will automatically terminate upon any breach or default by Buyer in the performance of this contract, or in the event that there is filed by or against Buyer any petition in bankruptcy or reorganization, or if Buyer attempts to assign this contract for the benefit of creditors.

The above license does not cover those programs listed in TI's Price List as requiring a separate Program License Agreement.

6. TERMS AND METHOD OF PAYMENT

Terms of payment shall be net thirty (30) days from date of invoice subject to initial and continuing credit approval. All amounts are payable to TI at the address shown on the invoice. On noncredit sales, shipment shall be at TI's election, either cash with order, or other normal commercial means. All collection costs shall be borne by Buyer.

If the Products are delivered in installments, Buyer shall pay for each installment in accordance with the terms hereof unless Buyer's purchase order specified "no partial shipment." Payment shall be made for the Products without regard to whether Buyer has made or may make any inspection of the Products. Products held for Buyer are at Buyer's sole risk and expense.

7. CONTINGENCIES AND EQUIPMENT

TI is not liable, either wholly or in part, for non-performance or a delay in performance due to force majeure or contingencies or causes beyond the reasonable control of TI or TI's suppliers. Production and deliveries may be allocated by TI if such happenings occur.

Material, tools, dies, and other property furnished by Buyer shall be at Buyer's risk and expense. TI may modify the specifications of Products designed by TI provided that the modifications will not materially affect the performance of the Products.

8. WARRANTY

THE FOLLOWING WARRANTIES FOR PRODUCTS ARE IN LIEU OF ALL CONDITIONS OR WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED CONDITIONS OR WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND OF ANY OTHER WARRANTY OBLIGATION ON THE PART OF TI.

TI warrants that at the time of delivery TI has title to the Equipment free and clear of any and all liens and encumbrances, has the right to distribute Programs, and has the right to grant the licenses provided herein. TI warrants the Equipment (other than expendable items such as fuses, light bulbs, etc.) against faulty workmanship or the use of defective materials for the periods set forth in the Price List; such warranties are granted only in the United States, TI, EXCEPT AS OTHERWISE HEREIN-ABOVE PROVIDED, MAKES NO WARRANTY FOR THE PROGRAMS (INCLUDING THOSE WHICH ARE ROM RESIDENT), WHICH ARE PROVIDED SOLELY ON AN "AS-IS" BASIS. Buyer's remedies and TI's liability with respect to this warranty are only those set forth in Paragraph 9 below.

Continued use or possession of the Equipment after expiration of the applicable warranty period shall be conclusive evidence that the warranty is fulfilled to the full satisfaction of Buyer, unless Buyer has previously notified TI of a breach of warranty.

TI's warranties as set forth above are the only warranties made by TI and shall not be enlarged, diminished or affected by, and no obligation or liability shall arise or grow out of, TI's rendering of technical, programming, or other advice or service in connection with the Products.

9. REMEDIES AND DAMAGES

TI'S SOLE AND EXCLUSIVE MAXIMUM LIABILITY AND BUYER'S SOLE AND EXCLUSIVE REMEDY UNDER THE WARRANTY CONTAINED IN PARAGRAPH 8 ABOVE SHALL BE, AT TI'S OPTION, TO REPAIR, REPLACE (WITH NEW OR FUNCTIONALLY OPERATIVE PARTS) OR CREDIT BUYER'S ACCOUNT FOR ANY DEFECTIVE EQUIPMENT PARTS DURING THE APPLICABLE WARRANTY PERIOD AND, ALTHOUGH NO WARRANTY IS GIVEN FOR PROGRAMS, TO REPLACE OR CREDIT BUYER'S ACCOUNT FOR ANY PROGRAMS WHICH ARE RETURNED BY BUYER DURING THE 90-DAY PERIOD FOLLOWING SHIPMENT BY TI. REPLACEMENT OF DEFECTIVE EQUIPMENT PARTS BY TI IS BASED ON AN ASSEMBLY OR BOARD REPLACEMENT CONCEPT. HOWEVER, TI AT ITS OPTION, MAY REPLACE ENTIRE UNITS. SERVICE LABOR REQUIRED TO REPLACE DEFECTIVE EQUIPMENT PARTS WILL BE FREE OF CHARGE FOR A PERIOD SET FORTH IN THE PRICE LIST PROVIDED THE LABOR IS PERFORMED DURING THE HOURS OF 8:00 A.M. TO 5:00 P.M., MONDAY THROUGH FRIDAY (INCLUDING HOLIDAYS OF TI), EITHER (a) ON SITE AT A POINT LOCATED NOT MORE THAN 100 MILES FROM THE TI SERVICE OFFICE DESIGNATED BY TI TO MAINTAIN EACH ITEM OF EQUIPMENT ("TI SERVICE OFFICE"); OR, (b) AT A TI CENTRAL REPAIR DEPOT FOR THOSE ITEMS OF EQUIPMENT DESIGNATED IN THE PRICE LIST AS REQUIRING CENTRAL DEPOT REPAIR. BUYER WILL PAY TI'S STANDARD SERVICE RATES FOR TRAVEL TIME, TRANSPORTATION AND SUBSISTENCE EXPENSES WHERE ON-SITE SERVICE IS PERFORMED DURING SUCH WARRANTY PERIOD OUTSIDE OF THE 100 MILE AREA. IF REFERRED, IN LIEU OF ON-SITE SERVICE, BUYER MAY RETURN EQUIPMENT TO THE NEAREST DESIGNATED TI SERVICE OFFICE OR TO ANY TI CENTRAL REPAIR DEPOT FOR WARRANTY REPAIR WITH SHIPMENT BOTH WAYS AND IN-TRANSIT LOSS OR DAMAGE AT BUYER'S RISK AND EXPENSE. DEFECTIVE EQUIPMENT PARTS RETURNED BY BUYER TO TI FOR REPAIR SERVICE DURING THE APPLICABLE WARRANTY PERIOD THAT ARE NOT IN THE ORIGINAL SHIPPING CONTAINER WILL BE REPAKED BY TI AT BUYER'S EXPENSE. BUYER AGREES TO PAY FOR ALL SERVICE EXPENSES NOT COVERED BY THIS WARRANTY AT TI'S THEN-CURRENT STANDARD SERVICE RATES. THESE REMEDIES ARE MADE AVAILABLE ON THE CONDITION THAT: (i) TI IS PROMPTLY NOTIFIED IN WRITING UPON DISCOVERY BY BUYER THAT SUCH EQUIPMENT FAILED TO CONFORM TO THIS CONTRACT OR SUCH PROGRAMS CONTAINED CODING ERRORS, WITH A DETAILED EXPLANATION OF ANY ALLEGED DEFICIENCIES OR ERRORS, (ii) BUYER CERTIFIES THAT HE HAS DESTROYED ALL COPIES OF RETURNED PROGRAMS, AND (iii) TI'S EXAMINATION OF SUCH PRODUCTS DISCLOSES THAT SUCH DEFICIENCIES OR ERRORS ACTUALLY EXIST AND WERE NOT CAUSED BY ACCIDENT, FIRE OR OTHER HAZARD, MISUSE, NEGLIGENCE, ALTERATION, IMPROPER TESTING, STORAGE, INSTALLATION OR ATTEMPTS TO REPAIR; ANY CAUSE BEYOND THE RANGE OF NORMAL USAGE, USE OF SUPPLIES NOT MEETING TI SPECIFICATIONS OR BUYER'S FAILURE TO TIMELY PERFORM THE PREVENTIVE MAINTENANCE DEFINED IN THE APPROPRIATE TI OPERATIONS MANUAL OR THOSE OF ITS VENDORS. IF TI ELECTS TO REPAIR OR REPLACE THE PRODUCTS, TI SHALL HAVE A REASONABLE TIME TO DO SO. ALL SUCH REMEDIES ARE AVAILABLE ONLY IN THE UNITED STATES. SUCH REPAIR, REPLACEMENT, CORRECTION OR CREDIT SHALL CONSTITUTE FULFILLMENT OF ALL LIABILITY OF TI TO BUYER WHETHER BASED IN CONTRACT, TORT OR OTHERWISE.

If TI breaches any provisions of this contract, TI'S SOLE AND EXCLUSIVE MAXIMUM LIABILITY AND BUYER'S SOLE AND EXCLUSIVE REMEDY WHETHER BASED IN CONTRACT, WARRANTY, TORT OR OTHERWISE, SHALL NOT IN ANY EVENT, EXCEPT AS EXPRESSLY PROVIDED HEREIN, EXCEED THE CONTRACT PRICE FOR THE PARTICULAR ITEM OF PRODUCTS INVOLVED.

Actions, however asserted, shall be commenced within one year from the date the cause of action accrues; provided, however, an action for nonpayment may be commenced at any time within four years from the date the cause of action for nonpayment accrues.

10. DISCLAIMER OF ECONOMIC LOSSES AND CONSEQUENTIAL DAMAGES

IN NO EVENT SHALL TI BE LIABLE TO ANYONE FOR SPECIAL, COLLATERAL, EXEMPLARY, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OR LOSSES WHETHER SUCH DAMAGES OCCUR EITHER PRIOR OR SUBSEQUENT TO, OR ARE ALLEGED AS A RESULT OF, TORTIOUS CONDUCT OR BREACH OF WARRANTY OR BREACH OF ANY OF THE PROVISIONS OF THIS CONTRACT EVEN IF TI HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. SUCH EXCLUDED DAMAGES AND LOSSES INCLUDE, BUT ARE NOT LIMITED TO, COST OF REMOVAL AND REINSTALLATION OF PRODUCTS OR ITEMS, OUTSIDE COMPUTER TIME, LABOR COSTS, LOSS OF GOODWILL, LOSS OF PROFITS, LOSS OF SAVINGS, LOSS OF USE OR INTERRUPTION OF BUSINESS, OR OTHER DIRECT OR CONSEQUENTIAL ECONOMIC LOSS.

11. PATENT & COPYRIGHT INDEMNIFICATION

TI will defend at its expense any action brought against Buyer to the extent that it is based on a claim that any Product manufactured, developed and supplied by TI to Buyer hereunder is alleged to constitute direct infringement of any fully issued United States patent or infringement of any copyright in the United States. TI will pay all damages and costs finally awarded against Buyer in such action which are attributable to such action, provided that TI is promptly informed in writing and furnished a copy of each communication, notice or other action relating to the alleged infringement and is given authority, information and assistance (at TI's expense) necessary to defend or settle such claim. Should the Products delivered by TI hereunder become, or in TI's opinion be likely to become, the subject of a claim of infringement of any United States patent or any copyright in the United States, then TI may at its option: (i) procure for the Buyer the right to use such Products free of any liability for infringement; or (ii) replace such Products with non-infringing substitutes otherwise complying substantially with all the requirements of this contract; or (iii) refund the purchase price less a reasonable charge for use, and accept the return of such Products. TI will not be obligated to defend, or be liable for costs and damages, if the infringement arises out of compliance with the Buyer's specification, or from a combination with, or an addition to, products not manufactured and developed by TI, or a modification of the Products after delivery by TI, or the use of such Products in the practice of a process.

If the infringement by the Buyer is alleged prior to completion of delivery of the Products under this contract, TI may decline to make further shipments without being in breach of this contract, and, provided TI has not been enjoined from selling the Products to Buyer, TI agrees to supply such Products to Buyer at Buyer's option, in which case the indemnity obligation stated in this Paragraph 11 with respect to TI shall reciprocally apply with respect to Buyer.

If any action is brought against TI based on a claim that the Products manufactured or developed by TI in compliance with the Buyer's specifications and supplied to Buyer directly infringe any fully issued United States patent or copyright in the United States, then the indemnity obligations stated in this Paragraph 11 with respect to TI shall reciprocally apply with respect to Buyer.

The sale by TI of Products under this contract does not grant to or convey or confer upon Buyer or Buyer's customers, or upon anyone claiming under Buyer, a license express or implied by estoppel or otherwise, under any patent rights or any other proprietary rights of TI covering or relating to any combination, machine or process in which said Products might be or are used.

THE FOREGOING STATES THE SOLE AND EXCLUSIVE LIABILITY OF THE PARTIES HEREIN FOR PATENT AND COPYRIGHT INFRINGEMENT AND IS IN LIEU OF ALL CONDITIONS OR WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, IN REGARD THEREOF.

12. NONWAIVER OF DEFAULT

Each shipment made hereunder shall be considered a separate transaction. In the event of any default by Buyer, TI may decline to make further shipments. If TI elects to continue to make shipments, TI's actions shall not constitute a waiver of any default by Buyer or in any way affect TI's legal remedies for any such default.

13. APPLICABLE LAW

The validity, performance and construction of this contract shall be governed by the laws of the State of Texas for contracts made and to be performed in the State of Texas.

14. U.S. GOVERNMENT CONTRACTS AND NON-STANDARD PRODUCTS

For purchases of TI Products, no U.S. Government Procurement regulations will apply to the performance hereunder without a separate definitive agreement signed by both parties, and neither TI's order acknowledgment form nor performance of the parties shall be deemed to imply otherwise.

For purchases of TI non-price list Products, no contract shall exist until the terms and conditions are mutually agreed to by the parties on a separate definitive agreement signed by both parties, and neither TI's order acknowledgment form nor performance of the parties shall be deemed to imply otherwise.

15. ASSIGNMENTS AND SEVERABILITY

This contract shall not be assigned or transferred by Buyer without the prior written consent of TI. Any attempted assignment or transfer of any of the rights, duties or obligations of this contract without the prior consent of TI shall be void. If consent is given, this contract shall be binding upon and inure to the benefit of the assignee.

If any provision of this contract is held invalid, the other provisions shall not be affected.

16. LEGAL COMPLIANCE

The Products covered by this Agreement may be subject to export restriction by the U.S. Government. Prior to exportation, Buyer agrees to obtain any licenses which may be required under the applicable laws of the U.S., including the Export Administration Act and Regulations.

Buyer acknowledges that Equipment sold hereunder is intended to be used only in a business, commercial, or industrial environment, and that additional requirements such as but not limited to FCC regulations governing the amount of electromagnetic interference which may be generated or radiated by the Equipment, or other Federal, State, or local regulations, may be applicable if the Equipment is used in a residential or consumer environment.

17. MODIFICATION

THIS CONTRACT CONSTITUTES A FINAL WRITTEN EXPRESSION OF ALL THE TERMS OF THE AGREEMENT BETWEEN THE PARTIES, AND IS A COMPLETE AND EXCLUSIVE STATEMENT OF THOSE TERMS. IT SUPERSEDES ALL UNDERSTANDINGS AND NEGOTIATIONS CONCERNING THE MATTERS SPECIFIED HEREIN, ANY REPRESENTATIONS, ORAL STATEMENTS, PROMISES OR WARRANTIES MADE BY EITHER PARTY THAT DIFFER IN ANY WAY FROM THE TERMS OF THIS CONTRACT SHALL BE GIVEN NO FORCE OR EFFECT. TI AND BUYER SPECIFICALLY REPRESENT, EACH TO THE OTHER, THAT THERE ARE NO ADDITIONAL OR SUPPLEMENTAL AGREEMENTS BETWEEN THEM RELATED IN ANY WAY TO THE PRODUCTS OR THE USE OR SERVICE THEREOF, UNLESS COPIES OF THE SAME ARE PRESENTLY ATTACHED HERETO AND MADE A PART HEREOF. NO ADDITION TO OR MODIFICATION OF ANY PROVISION OF THE CONTRACT SHALL BE BINDING UPON TI UNLESS MADE IN WRITING AND SIGNED BY A DULY AUTHORIZED REPRESENTATIVE OF TI LOCATED AT TI'S TEXAS HOME OFFICE. NO COURSE OF DEALING OR USAGE OF TRADE OR COURSE OF PERFORMANCE SHALL BE RELEVANT TO EXPLAIN OR SUPPLEMENT ANY TERM EXPRESSED IN THIS CONTRACT.

MAINTENANCE

THE TERMS AND CONDITIONS APPLICABLE TO MAINTENANCE OF TI'S EQUIPMENT ARE THOSE STATED IN TI'S APPLICABLE MAINTENANCE SERVICE AGREEMENT AND NOT THOSE STATED ABOVE.

LEASES

THE TERMS AND CONDITIONS APPLICABLE TO THE LEASE OF TI'S EQUIPMENT ARE THOSE STATED IN TI'S APPLICABLE LEASE AGREEMENT AND NOT THOSE STATED ABOVE.

RM/COBOL™ Development

Ryan-McFarland Corp.

RM/COBOL Development is a GSA-certified implementation of the ANSI 74 COBOL standard, and is designed to support the efficient development and execution of COBOL business applications. With more than 250,000 installations, RM/COBOL has the features normally needed in serious desktop business computing, including multikey indexed files, interactive screen handling, record and file locking and interactive debugging. Applications written in RM/COBOL can run on any of the hundreds of different computer systems—including mainframes and minicomputers—that now support the language. It is also compatible with TI 990 COBOL and several other minicomputer COBOLs. More than 800 RM/COBOL-based development tools and horizontal and vertical business applications are currently available from independent developers and dealers throughout the U.S. and in Europe.

Requirements: 128K, 2DD, MS-DOS

Part Number: 2232370-0001

Suggested Retail: \$950.00

RM/COBOL Runtime

Ryan-McFarland Corp.

This product is a runtime package that executes RM/COBOL programs in a production environment.

Requirements: 64K, DD, MS-DOS

Part Number: 2234250-0001

Suggested Retail: \$238.00

Operating Systems

CP/M-86®

Digital Research, Inc.

CP/M-86 is the successor to the CP/M-80 operating system. Managing up to a full megabyte of main memory, CP/M-86 gives your application programs full advantage of the 8088 address space. Complete file compatibility simplifies conversion from the 8-bit CP/M system to the 16-bit CP/M-86 system. The CP/M-86 system can support from one to sixteen diskette drives of up to eight megabytes each. This package also includes GSX-86, a graphics-system extension that incorporates graphics capabilities into the operating system and that provides a host- and device-independent interface for your applications software.

Requirements: 64K, 2DD

Option: graphics, plotter

Part Number: 2232359-0001

Suggested Retail: \$100.00

CP/M-86 and CBASIC-86™

Digital Research, Inc.

CP/M-86 and CBASIC-86 is an integrated package that combines the features of CP/M-86 and CBASIC-86 programs.

Requirements: 128K, 2DD

Option: graphics

Part Number: 2232414-0001

Suggested Retail: \$240.00

MS™-DOS 1.25

Microsoft Corp.

The MS-DOS 1.25 operating system is a single-user operating system. MS-DOS 1.25 has special features that make it easy to learn and use, including easy-to-understand commands, prompts and error messages.

Requirements: 64K, DD

Part Number: 2223129-0001

Suggested Retail: \$40.00

MS-DOS 2.1

Microsoft Corp.

MS-DOS 2.1 is an enhanced version of MS-DOS. From the user's standpoint, the most significant features of version 2 are a disk directory structure and a background print capability. There are also new commands to control batch processes that allow for conditional execution. Many programs developed under MS-DOS version 1 will run without modification under version 2.

Requirements: 128K, DD

Part Number: 2239873-0001

Suggested Retail: \$75.00

p-System™ Runtime System

SofTech Microsystems

The p-System Runtime System package includes an interactive microcomputer operating system with program chaining, standard input and output (I/O) redirection (including command files), dynamic memory allocation, disk file-handling capabilities, single keystroke commands, runtime support routines, block I/O service routines, support for asynchronous processes and concurrency primitives in Pascal. The package is designed to run in conjunction with the UCSD Pascal Development System.

Requirements: 64K, DD

Option: comm card

Part Number: 2223135-0001

Suggested Retail: \$350.00

NaturalLink Software

NaturalLink Access to Dow Jones

News/Retrieval®

Texas Instruments NaturalLink Access allows you to communicate with the Dow Jones News/Retrieval Service using simple English phrases, even if you have no previous experience with computers or Dow Jones. Questions (queries) can be created offline by choosing phrases and words supplied by the NaturalLink program.

Requirements: 256K, 2DD, TI internal RS232C modem or TI internal async/sync comm & 103, 103/212, 113 or compatible external modem, MS-DOS

Part Number: 2234230-0001

Suggested Retail: \$150.00

*Dow Jones News/Retrieval is a registered trademark of Dow Jones & Company Incorporated.

NaturalLink Access to MS-DOS 2.1

Texas Instruments

NaturalLink Access allows the user to access MS-DOS functions with English sentences. Users only need to choose the desired words or phrases presented to them. The software guides them through this process so that only correct sentences may be created. It requires no experience and can be used as a learning tool.

Requirements: 512K, DD, WD, MS-DOS 2.1

Part Number: 2243750-0001

Suggested Retail: \$75.00

NaturalLink Commands for BPS Business Graphics™

Texas Instruments

NaturalLink Commands for BPS Business Graphics allows the user to access BPS Business Graphics Commands using English sentences. With NaturalLink Commands, users only need to choose the desired words or phrases presented. Only correct sentences may be created.

Requirements: 512K, DD, WD, BPS Business Graphics 2.6, MS-DOS 2.1

Option: graphics, plotter

Part Number: 2247115-0001

Suggested Retail: \$75.00

*BPS Business Graphics is a trademark of Business & Professional Software Incorporated.

NaturalLink Commands for dBASE II™

Texas Instruments

Using English sentences, NaturalLink Commands for dBASE II allows the user to access dBASE II commands. The user may interact directly with dBASE II or with the aid of NaturalLink software. NaturalLink Commands for dBASE II guides the user so that only correct sentences are created.

Requirements: 512K, DD, WD, dBASE II, MS-DOS 2.1

Part Number: 2247107-0001

Suggested Retail: \$75.00

*dBASE II is a trademark of Ashton-Tate.

NaturalLink Commands for EasyWriter II™

Texas Instruments

This program allows the user to access EasyWriter II commands using English sentences. Users have the option of interacting directly with EasyWriter II or with the aid of NaturalLink software. The user chooses the desired words or phrases. The software guides them through this process so that only correct sentences may be created.

Requirements: 512K, DD, WD, EasyWriter II, MS-DOS 2.1

Part Number: 2247135-0001

Suggested Retail: \$75.00

*EasyWriter II is a trademark of Sorcim/IUS.

NaturalLink Commands for KnowledgeMan™

Texas Instruments

NaturalLink Commands for KnowledgeMan allows the user to access KnowledgeMan commands using English sentences. Users have the option of interacting directly with KnowledgeMan or with the help of NaturalLink software. With NaturalLink, users only choose words and phrases presented to them. The software guides them through this process so that only correct sentences can be created.

Requirements: 512K, DD, WD, KnowledgeMan, MS-DOS 2.1

Part Number: 2247175-0001

Suggested Retail: \$75.00

*KnowledgeMan is a trademark of Micro Data Base Systems Incorporated.

NaturalLink Commands for Lotus™ 1-2-3™

Texas Instruments

NaturalLink Commands for Lotus 1-2-3 allows the user to access Lotus 1-2-3 commands using English sentences. Users have the option of interacting directly with Lotus 1-2-3 or with the help of NaturalLink software. With NaturalLink, users only choose words and phrases presented to them. The software guides them through this process so that only correct sentences can be created.

Requirements: 512K, DD, WD, Lotus 1-2-3, MS-DOS 2.1

Part Number: 2247103-0001

Suggested Retail: \$75.00

*1-2-3 and Lotus are trademarks of Lotus Development Corporation.

NaturalLink Commands for MultiMate™

Texas Instruments

NaturalLink Commands for MultiMate allows the user to access MultiMate commands using English sentences. Users have the option of interacting directly with MultiMate or with the help of NaturalLink software. With NaturalLink, users need only choose words and phrases presented to them. The software guides them through this process so that only correct sentences may be created.

Requirements: 512K, DD, WD, MultiMate, MS-DOS 2.1

Part Number: 2247147-0001

Suggested Retail: \$75.00

*MultiMate is a trademark of MultiMate International Corporation.



NaturalLink Commands for Multiplan™

Texas Instruments

NaturalLink Commands for Multiplan allows the user to access Multiplan commands using English sentences. Users have the option of interacting directly with Multiplan or with the help of NaturalLink software. With NaturalLink, users need only choose words and phrases presented to them. The software guides them through this process so that only correct sentences may be created.

Requirements: 512K, DD, WD, Multiplan, MS-DOS 2.1

Part Number: 2247151-0001

Suggested Retail: \$75.00

*Multiplan is a trademark of Microsoft Corporation.

NaturalLink Commands for PeachText 5000™

Texas Instruments

NaturalLink Commands for PeachText 5000 allows the user to access PeachText 5000 commands using English sentences. Users have the option of interacting directly with PeachText 5000 or with the help of NaturalLink software. With NaturalLink, users need only choose words and phrases presented to them. The software guides them through this process so that only correct sentences may be created.

Requirements: 512K, DD, WD, PeachText 5000, MS-DOS 2.1

Part Number: 2247139-0001

Suggested Retail: \$75.00

*PeachText 5000 is a trademark of PeachTree Software Incorporated.

NaturalLink Commands for pfs® Series

Texas Instruments

With NaturalLink Commands for pfs Series, the user can access pfs Series commands using English sentences. Users have the option of interacting directly with pfs Series or interaction with the help of NaturalLink software. With NaturalLink, users only choose words and phrases presented to them. The software guides them through this process so that only correct sentences can be created.

Requirements: 512K, DD, WD, pfs Series, MS-DOS 2.1

Part Number: 2247119-0001

Suggested Retail: \$75.00

*pfs is a registered trademark of Software Publishing Corporation.

NaturalLink Commands for SuperCalc® 3

Texas Instruments

NaturalLink Commands for SuperCalc 3 allows the user to access SuperCalc 3 commands using English sentences. Users need only choose the desired words and phrases presented to them. NaturalLink software guides them through this process allowing only correct sentence creation.

Requirements: 512K, DD, WD, SuperCalc 3, MS-DOS 2.1

Option: graphics, plotter

Part Number: 2247155-0001

Suggested Retail: \$75.00

*SuperCalc is a registered trademark of Sorcim/IUS.

NaturalLink Commands for WordPlus-PC™

Texas Instruments

With NaturalLink Commands for WordPlus-PC the user can access WordPlus-PC commands using English sentences. Users have the option of interacting directly with WordPlus-PC or interaction with the help of NaturalLink software. With NaturalLink, users only choose words and phrases presented to them. The software guides them through this process so that only correct sentences can be created.

Requirements: 512K, DD, WD, WordPlus-PC, MS-DOS 2.1

Part Number: 2247167-0001

Suggested Retail: \$75.00

*WordPlus-PC is a trademark of Professional Software Incorporated.

NaturalLink Commands for WordStar® 3.3

Texas Instruments

NaturalLink Commands for WordStar 3.3 allows the user to access WordStar 3.3 commands using English sentences. Users need only choose the desired words and phrases presented to them. NaturalLink software guides them through this process allowing only correct sentence creation.

Requirements: 512K, DD, WD, WordStar 3.3, MS-DOS 2.1

Part Number: 2247111-0001

Suggested Retail: \$75.00

*WordStar is a registered trademark of MicroPro® International Corporation.

NaturalLink Technology Interface Option for IBM®-PC

Texas Instruments

This is the linkable object code that allows applications using TI's NaturalLink technology to run on an IBM-PC/XT/AT.

Requirements: IBM-PC, XT or AT, PC-DOS, NaturalLink Technology Package

Part Number: 2243735-0001

Suggested Retail: \$1,500.00

*IBM is a registered trademark of International Business Machines Incorporated.

NaturalLink Technology Package

Texas Instruments

The NaturalLink Technology Package is a software utility and runtime code developers can use to create NaturalLink user interfaces. It provides for rapid interface development via three utilities: Screen Builder, Message Builder and Interface Builder. It also includes linkable object code to handle the user interface portion of an application. The IBM-PC runtime option is available separately.

Requirements: 512K, DD, WD, MS-DOS

Part Number: 2243730-0001

Suggested Retail: \$1,500.00

Other Useful Software

Flight Simulator

Microsoft Corp.

Flight Simulator puts you in the pilot's seat of a Cessna 182. It has panoramic, out-the-window views that closely match a pilot's perspective. There are buildings, clouds, mountains and well-known landmarks. Flight Simulator features realistic crash effects and accurate information for more than 20 airports. The instrumentation is so complete and accurate that it meets the FAA regulations for day and night visual and instrument flight conditions. It is especially forceful with the high-resolution graphics of the TI Professional Computer. Flight Simulator is as close as you can get to flying without leaving the ground.

Requirements: DD, GR

Option: 128K, MS-DOS 2.1

Part Number: 2311592-0001

Suggested Retail: \$49.95

Maintenance Package (Diagnostics)

Texas Instruments

The TI Maintenance Package consists of a diskette containing the TI Professional Computer disk-based diagnostics and the accompanying manuals. The diagnostics provided in the Maintenance Package provide a set of effective tools to aid users in identifying hardware problems with the unit. Emphasis has been placed on the simplicity and friendliness of the user interface.

Requirements: 64K DD

Part Number: 2223199-0001

Suggested Retail: \$195.00

micro/SPF

Phaser Systems, Inc.

This system is an advanced programming tool designed to accommodate programmers familiar with SPF. It is a structured programming facility that emulates mainframe software on the TI Professional Computer. It also provides a tutorial for online operating information.

Requirements: 320K, 2DD, Concurrent

Cp/M-86™ or CP/M-86® or MST™-DOS

Part Number: 2311528-0001

Suggested Retail: \$450.00

*Concurrent CP/M-86 is a trademark and CP/M-86 is a registered trademark of Digital Research Incorporated.

*MS is a trademark of Microsoft Corporation.

Speech Command™ System

Texas Instruments

The Speech Command System gives you two new functions. The Transparent Keyboard™ function lets you tell your computer to enter commands you have previously selected. This feature allows you to use voice input commands with most application software packages. The phone-management function can store and retrieve your messages and phone numbers and recall busy numbers. It can also place calls at specific times throughout the day, deliver your messages, transmit related data and then wait and record a response.

Requirements: 256K, DD, MS-DOS or MS-DOS 2.1

Part Number: 2237363-0001

Suggested Retail: \$2,600.00

SpeechLink™ Access to Lotus™ 1-2-3™

Texas Instruments

SpeechLink Access acts as a private tutor that gives spoken Over-the-Shoulder™ introductory instruction. With the Speech Command System, voice commands allow you to speak to your computer. The computer listens and acts on your specific commands. A new computer user can learn the basic functions of the application with minimal time and effort.

Requirements: 256K, 2DD, 3-plane graphics, Speech Command System, Lotus 1-2-3 MS-DOS 2.1

Part Number: 2247051-0001

Suggested Retail: \$75.00

*Lotus and 1-2-3 are trademarks of Lotus Development Corporation.

*Over-the-Shoulder is a trademark of Neologik Incorporated.

TI-Speech™ Application Toolkit

Texas Instruments

TI-Speech Application Toolkit provides access from Lattice-C, MS-Pascal, MS-BASIC, MS-Compiled BASIC and IQLISP to the following speech capabilities: Text-to-Speech, speaker dependent voice recognition, linear predictive coding speech analysis and synthesis and synthesis (record and playback) at three storage rates (2400, 9600, 32000 bits per second) and telephone control. It includes a voice File Editor. This product can be used on the TI Professional Computer or IBM Personal Computer products. NOTE: It is not for use on the TI Pro-Lite or IBM PC Jr.

Requirements: 192K, DD, TI-Speech Hardware, MS-DOS 2.1 or PC-DOS 2.0

Part Number: 2249821-0001

Suggested Retail: \$300.00

TI-Speech Phone Interface

Texas Instruments

TI-Speech Phone Interface is the hardware-only product to be used with the TI-Speech Hardware for phone access and control. This product supplies many telephone management functions such as: DTMF dialing and DTMF data input, pulse dialing, automatic placement of phone calls and monitoring of call progress. It is included in the TI-Speech Phone Manager. This product can be used on the TI Professional Computer or IBM Personal Computer products. NOTE: It is not for use on the TI Pro-Lite or IBM PC Jr.

Requirements: 192K, DD, TI-Speech Hardware, MS-DOS 2.1 or PC-DOS 2.0 Options: TI-Speech Application Toolkit, TI-Speech Software

Part Number: 2245189-0001

Suggested Retail: \$300.00

TI-Speech Phone Manager

Texas Instruments

TI-Speech Phone Manager is an add-on option to the TI-Speech Hardware. It can manage your telephone communications by providing you with a wide range of features such as: dialing, phone list management and answering machine. The Phone Manager features a "pop-up" capability which allows immediate access and use of your phone management functions without exiting the application in use. This product can be used on the TI Professional Computer or IBM Personal Computer products. NOTE: It is not for use on the TI Pro-Lite or IBM PC Jr.

Requirements: 256K, 2DD, TI-Speech Hardware, MS-DOS 2.1 or PC-DOS 2.0

Part Number: 2245188-0001

Suggested Retail: \$350.00

TI-Speech Software

Texas Instruments

This product is designed for current owners of TI's Speech Command System who wish to upgrade and for those who originally purchased the TI-Speech Hardware only. TI-Speech Software contains the TI-Speech Vocabulary Manager, TI-Speech Phone Manager, TI-Speech Programming Guide and the new Speech Algorithms, DSR and Diagnostics. This product can be used on the TI Professional Computer or IBM Personal Computer products. NOTE: It is not for use on the TI Pro-Lite or IBM PC Jr.

Requirements: 256K, 2DD, SCS, TI-Speech Hardware, MS-DOS 2.1 or PC-DOS 2.0 Options: TI-Speech Phone Interface (for TI-Speech Hardware owners)

Part Number: 2249825-0001

Suggested Retail: \$250.00

TI-Speech System

Texas Instruments

TI-Speech System is hardware and software that can perform Text-to-Speech, 2400/9600/32000 record/playback and Voice Recognition. It contains: the Speech Hardware board, Vocabulary Manager with Transparent Keyboard (including a voice-based tutorial), Programming Guide and Speech Algorithms, DSR and Diagnostics. This product can be used on the TI Professional Computer and IBM Personal Computer products. NOTE: It is not for use on the TI Pro-Lite or IBM PC Jr..

Requirements: 256K, DD, MS-DOS 2.1 or PC-DOS 2.0 Options: TI-Speech Phone Manager

Part Number: 2245186-0001

Suggested Retail: \$1150.00

Products listed in this section are specially packaged for the Texas Instruments Business-Pro™ Professional Computer.

931 Emulator 2.1

Texas Instruments

The 931 Emulator 2.1 package gives the TI Business-Pro Professional Computer the functionality of a TI 931 terminal. Features include: communications between the Business-Pro and any TI Business System Series 300, 600 or 800 model via a switched or dedicated link; file transfer capability for both text and binary files using standard DX10 or DNOS file transfer commands; 931 attached printer emulation (parallel or serial); local print function; communications speed selectable from 300 to 19,200 bps and 931 or 911 keyboard mode. It has application-linkable file transfer routines, suspension/restart capability and international support of keyboards.

Requirements: IBM® AT CRT, 512K, DD, COMM, MS™-DOS 3.0

Part Number: 2534775-0001

Suggested Retail: \$150.00

*IBM is a registered trademark of International Business Machines Incorporated.

*MS is a trademark of Microsoft Corporation.

3270 SNA Communications Version 1.2

Texas Instruments

3270 SNA Communications, Version 1.2 provides access to an SNA host computer as a 3270-type terminal. It emulates the operation of an IBM 3276/12 cluster-control unit with a single 3278/2 display (3279/2A for a color monitor) with an optionally attached 3287/2 printer. It supports multiple logical units (SLU Type 2 and SLU Type 3 or Type 1).

Requirements: IBM AT CRT, 512K, DD, COMM, MS-DOS 3.0

Part Number: 2534757-0001

Suggested Retail: \$675.00

MS-BASIC 3.0

Microsoft Corp.

MS-BASIC 3.0 meets the requirements of the ANSI subset standard for BASIC and supports many unique features found in other BASICs. Advanced features of MS-BASIC 3.0 include: full-screen editor, keyboard input of keywords, RS-232-C asynchronous communication support, event trapping, advanced music capabilities and light pen support, MS-DOS tree-structured directory support and advanced graphics capabilities.

Requirements: IBM AT CRT, 512K, DD, MS-DOS 3.0

Part Number: 2241030-0001

Suggested Retail: \$100.00

MS-DOS 3.0

Microsoft Corp.

MS-DOS 3.0 is an upward-compatible enhancement to MS-DOS 2.1. File sharing, the ability to restrict access to all or part of a file when the file is opened in a shared mode, background print supporting path specifications and an internal programming interface, additional function calls, enhanced error recovery, screen dump utility, RAM disk allowing use of part of storage for a virtual disk and extended memory (above 1MB) are included enhancements for support of the TI Business-Pro Professional Computer.

Requirements: IBM AT CRT, 512K, DD

Part Number: 2241026-0001

Suggested Retail: \$95.00

MS-DOS 3.0 Programmers Guide

Texas Instruments

MS-DOS 3.0 Programmers Guide is the programmers documentation for MS-DOS 3.0 operating system.

Requirements: user dependent

Part Number: 2241026-0002

Suggested Retail: \$45.00

MS-DOS 3.0 with NaturalLink™ Access

Texas Instruments

The package includes MS-DOS 3.0 operating system and NaturalLink Access to MS-DOS 3.0

Requirements: IBM AT CRT, 512K, DD, WD

Part Number: 2534774-0001

Suggested Retail: \$180.00

NaturalLink Access to MS-DOS 3.0

Texas Instruments

NaturalLink Access allows the user to access MS-DOS 3.0 functions with English sentences. Users only need to choose the desired words or phrases presented to them. The software guides them through this process so that only correct sentences may be created. It requires no experience and can be used as a learning tool.

Requirements: IBM AT CRT, 512K, DD, WD, MS-DOS 3.0

Part Number: 2534756-0001

Suggested Retail: \$125.00

Products listed in this section are specially packaged for the Texas Instruments Pro-Lite™ Professional Computer.

931 Emulator 2.1

Texas Instruments

The 931 Emulator package gives a TI Pro-Lite Professional Computer the functionality of a TI 931 terminal. Features include: communications between the Pro-Lite and any TI Business System Series 300, 600 or 800 model via a switched or dedicated link; file transfer capability for both text and binary files using standard DX10 or DNOS file transfer commands; 931 attached printer emulation (parallel or serial); local print function; communications speed selectable from 300 to 19,200 bps and 931 or 911 keyboard mode.

Requirements: 256K, DD, comm board & EIA cable & full duplex external modem, or internal modem, MST™-DOS 2.1

Part Number: 2237667-0001

Suggested Retail: \$150.00

*MS is a trademark of Microsoft Corporation.

3101 Communications

Texas Instruments

3101 Communications, an asynchronous protocol, is useful for applications that require a moderate amount of data entered into forms or fields set up by the host computer; applications that require the two computers to interact and time-sharing applications that allow connection from a remote location, either on dial-up or leased lines, to the computer.

Requirements: 256K, DD, comm board, MS-DOS 2.1

Part Number: 2237463-0001

Suggested Retail: \$140.00



3270 SNA Communications Version 1.2

Texas Instruments

3270 SNA Communications, Version 1.2 provides access to an SNA host computer as a 3270-type terminal. It emulates the operation of an IBM 3276/12 cluster-control unit with a single 3278/2 display (3279/2A for a color monitor) with an optionally attached 3287/2 printer. It supports multiple logical units (SLU Type 2 and SLU Type 3 or Type 1).

Requirements: 256K, DD, async/sync comm & cable, 212, 201C, 208B or compatible external modem, or 212 internal modem, MS-DOS 2.1

Part Number: 2237609-0001

Suggested Retail: \$350.00

3780 Communications

Texas Instruments

The 3780 Communications program allows your TI Pro-Lite Professional Computer to communicate with other computers. The 3780 Communications program transfers data synchronously, can be used for attended or unattended data file transfers and provides automatic error detection and recovery.

Requirements: 256K, DD, async/sync comm board or internal modem, MS-DOS 2.1

Option: external modem

Part Number: 2237479-0001

Suggested Retail: \$150.00

EasyWriter II™ System

Sorcim/IUS

EasyWriter II System is a complete, integrated word processing system that includes EasyWriter II, EasySpeller II™ and EasyMailer II™. You can use EasySpeller II with EasyWriter II to check spelling against its 89,000-word dictionary. You can generate mailing labels and personalized mail with EasyMailer II, a versatile mail-merge program.

Requirements: 256K, DD, MS-DOS 2.1

Part Number: 2311623-0001

Suggested Retail: \$395.00

Electric Desk™

Alpha® Software Corp.

Electric Desk is an integrated productivity tool that combines spreadsheet analysis, database management, word processing and communications functions. It has a window management system and an intuitive macro programming language which permits users to design small programs for routine applications.

Requirements: 256K, DD, modem, serial port, MS-DOS 2.1

Part Number: 2311605-0001

Suggested Retail: \$345.00

Framework™

Ashton-Tate

Framework includes a word processor, a spreadsheet, business graphics, data management, forms processing, an outline generator. Framework also contains procedural language available in any high level program.

Requirements: 512K, DD, MS-DOS 2.1

Option: modem if communications software is used

Part Number: 2311644-0001

Suggested Retail: \$695.00

MS-BASIC 1.2

Microsoft Corp.

MS-BASIC 1.2 is an extensive implementation of BASIC for microprocessors. It meets the requirements of the ANSI subset standard for BASIC and supports many unique features found in other BASICs. Advanced features of MS-BASIC 1.2 include: full-screen editor, keyboard input of keywords, RS-232-C asynchronous communication support, event trapping, advanced music capabilities and advanced graphics capabilities.

Requirements: 256K, DD, MS-DOS 2.1

Part Number: 2237471-0001

Suggested Retail: \$40.00

MS-BASIC Compiler

Microsoft Corp.

MS-BASIC Compiler is the ideal addition to the BASIC programmer's software library. The MS-BASIC Compiler improves the performance of a BASIC program as much as 130 times with little or no program modification. Advanced features of MS-BASIC Compiler include: full-screen editor, keyboard input of keywords, RS-232-C asynchronous communication support, event trapping, advanced music capabilities and advanced graphics capabilities.

Requirements: 256K, DD, MS-DOS 2.1

Part Number: 2237459-0001

Suggested Retail: \$300.00

MS-DOS 2.1

Microsoft Corp.

MS-DOS 2.1 is an enhanced version of MS-DOS. From the user's standpoint, the most significant features of version 2 are a disk directory structure and a background print capability. There are also new commands to control batch processes that allow for conditional execution. Many programs developed under MS-DOS version 1 will run without modification under version 2.

Requirements: 256K, DD

Part Number: 2237448-0001

Suggested Retail: \$75.00

MS-Pascal

Microsoft Corp.

This Pascal compiler includes native code compilation, 8087 coprocessor support, IEEE and BCD single and double precision real numbers, extended array and string support, long heap data allocation, separate module compilation and overlay support. NEW and DISPOSE library routines support data beyond the default size. This compiler also features expanded string support (LSTRING type) and Super arrays that can be used as a formal reference parameter in a procedure or function.

Requirements: 256K, DD, MS-DOS 2.1

Option: 8087 coprocessor

Part Number: 2237608-0001

Suggested Retail: \$300.00

Multiplan™

Microsoft Corp.

Multiplan is an electronic worksheet that is simple and easy to use but has more power and functionality than first-generation electronic worksheets. The spreadsheet is 63 columns wide and 255 rows deep. It is a tool that can be used in every management and decision making situation, including forecasting, hypothesizing, capital management, planning, tracking and production management.

Requirements: 256K, DD, MS-DOS 2.1

Part Number: 2237610-0001

Suggested Retail: \$250.00

NaturalLink™ Access to Dow Jones News/Retrieval®

Texas Instruments

NaturalLink Access allows you to communicate with the Dow Jones News/Retrieval Service using simple English phrases, even if you have no previous experience with computers or Dow Jones. Questions (queries) can be created offline by choosing phrases and words supplied by the NaturalLink program.

Requirements: 256K, DD, internal RS-232-C modem or internal async/sync comm & 103, 103/212, 113 or compatible external modem, MS-DOS 2.1

Part Number: 2237643-0001

Suggested Retail: \$150.00

*Dow Jones News/Retrieval is a registered trademark of Dow Jones & Company Incorporated.

NaturalLink Access to MS-DOS 2.1

Texas Instruments

NaturalLink Access allows the user to access MS-DOS functions with English sentences. Users only need to choose the desired words or phrases presented to them. The software guides them through this process so that only correct sentences may be created. It requires no experience and can be used as a learning tool.

Requirements: 256K, DD, MS-DOS 2.1

Part Number: 2237613-0001

Suggested Retail: \$75.00

Personal Planner

National Software, Inc.

The Personal Planner combines a wide range of applications into one package. It allows for writing letters, mail list management, envelope and label addressing, appointment scheduling and maintaining expense records. It will even remind you when an important date approaches.

Requirements: 256K, DD, MS-DOS 2.1

Part Number: 2311636-0001

Suggested Retail: \$99.00

pfs®:FILE

Software Publishing Corp.

pfs:FILE is an easy-to-use information management package that works like a filing system. You can design your own forms. You can enter data in any order and save and find it quickly. You can sort and print labels and search a file on any item or combination of items.

Requirements: 256K, DD, MS-DOS 2.1

Part Number: 2311607-0001

Suggested Retail: \$140.00

pfs:REPORT

Software Publishing Corp.

pfs:REPORT produces a multiple-column tabular report. It can sort information alphabetically or numerically and can perform calculations on numeric information. pfs:REPORT also produces averages, totals and counts.

Requirements: 256K, DD, pfs:FILE, MS-DOS 2.1

Part Number: 2311608-0001

Suggested Retail: \$125.00

Portfolio Decisions™

Eagle Software Publishing, Inc.

Portfolio Decisions is a comprehensive portfolio management and reporting packages that enables investors and financial advisors to track and monitor purchases, earnings, and sales transactions. It also provides access to online investment information services for instant price updates.

Requirements: 256K, DD, MS-DOS 2.1

Part Number: 2311631-0001

Suggested Retail: \$249.00

RM/COBOL™ Runtime

Ryan-McFarland Corp.

RM/COBOL Development is a GSA-certified implementation of the ANSI 74 COBOL standard, and is designed to support the efficient development and execution of COBOL business applications. With more than 250,000 installations, RM/COBOL has the features normally needed in serious desktop business computing, including multikey indexed files, interactive screen handling, record and file locking and interactive debugging. Applications written in RM/COBOL can run on any of the hundreds of different computer systems—including mainframes and minicomputers—that now support the language. It is also compatible with TI 990 COBOL and several other minicomputer COBOLs. More than 800 RM/COBOL-based development tools and horizontal and vertical business applications are currently available from independent developers and dealers throughout the U.S. and in Europe.

Requirements: 256K, DD, MS-DOS 2.1

Part Number: 2311615-0001

Suggested Retail: \$238.00

Sales Planner

National Software, Inc.

This program produces sales forecasts and analyses, records sales by customer and product, maintains customer/prospects lists and types letters, memos, etc. It also prints labels and envelopes for your mailing list, generates expense reports for any time period, schedules appointments by day, week, or month, provides future itineraries, reminds you of appointments and things to do and generates weekly call reports.

Requirements: 256K, 2DD, MS-DOS 2.1

Part Number: 2311637-0001

Suggested Retail: \$295.00

Samna Word III™*

SAMNA Corp.

Samna Word III is an enhanced version of Samna Word II. Its features include three levels of help functions, an on-screen tutorial, unlimited horizontal scroll with folding, split-screen editing capability, automatic hyphenation, headers/footers, footnote tie-in, global search and replace and a zoom-down feature that allows the user to view the formatted page in miniature. It also has support for French, German, Spanish, Canadian bilingual and Greek/Math keyboards.

Requirements: 512K, DD, MS-DOS 2.1

Part Number: 2311640-0001

Suggested Retail: \$550.00

SuperCalc® 3 Release 2.0

Sorcim/IUS

SuperCalc 3 is a highly sophisticated financial tool. This spreadsheet can perform complex financial and numerical analysis. It helps solve modeling and forecasting problems, then produces presentation-quality graphics. SuperCalc 3 graphics include: line, bar, pie and exploding pie charts and X,Y, Hi-Lo, and area graphs.

Requirements: 256K, DD, MS-DOS 2.1

Part Number: 2311625-0001

Suggested Retail: \$395.00

ThinkTank™

Living Videotext, Inc.

ThinkTank is an outline processor that you can use to develop and organize ideas into an outline format. An integrated word processor lets you add, move or copy text to any section of the outline.

Requirements: 256K, DD, MS-DOS 2.1

Part Number: 2311639-0001

Suggested Retail: \$195.00

TTY Communications

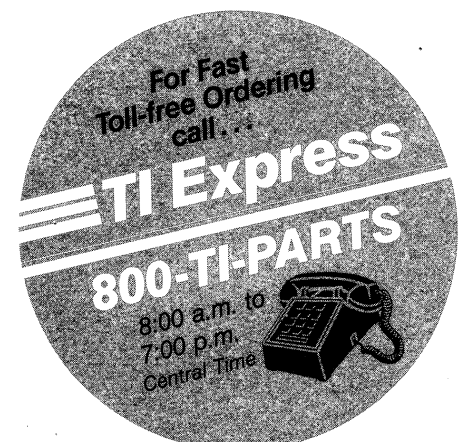
Texas Instruments

Requirements: 256K, DD, MS-DOS 2.1

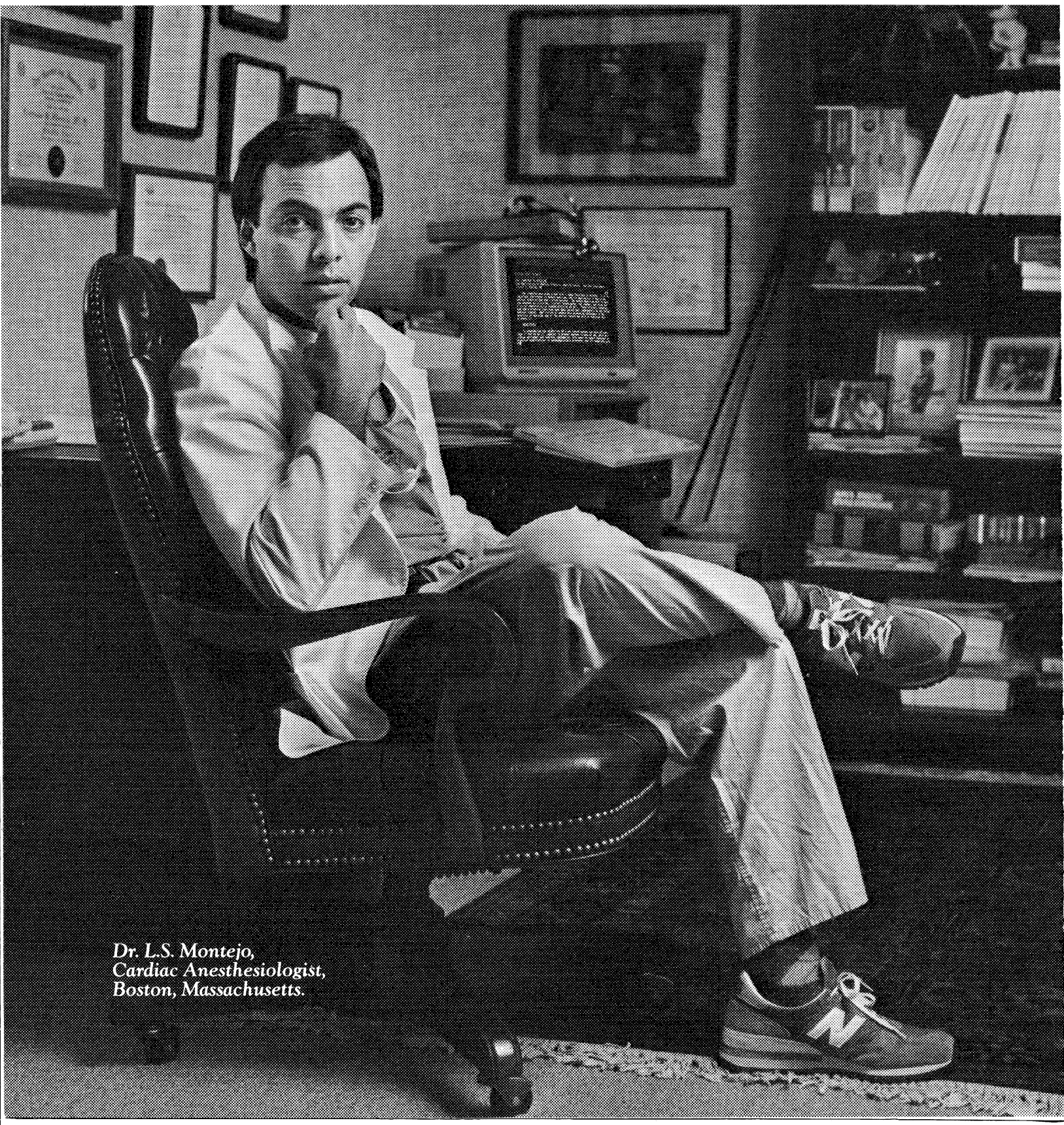
Part Number: 2237467-0001

Suggested Retail: \$60.00

*Available Sept. 15, 1985.



Texas Instruments Dr. L.S. Montejo Professional



Dr. L.S. Montejo,
Cardiac Anesthesiologist,
Boston, Massachusetts.

announces the Computing System.

No two individuals work alike. TI had unique answers to help Dr. L.S. Montejo keep his patients and his business healthy.

"I used to walk out of the operating room with a clipboard and a chart," says Dr. L. S. Montejo. "Now I walk out with a floppy disk."

Dr. Montejo is a prominent anesthesiologist who is pioneering the use of personal computers in heart surgery. His unique idea for making quicker, more informed decisions led to a unique solution from TI: a portable PC he could talk to. Configured to his exact needs from the wide range of TI options.

"Using TI's Speech Command," he says, "I can respond to drug reactions faster, with the PC making calculations as I speak to it. And my hands are free to do other things."

"The information just flies by. But the computer organizes it, and by calling up color charts, I can make better decisions at a glance. It lets me provide better medical care."

In his office, Dr. Montejo uses a desktop TI Professional Computer to keep the business side of his practice operating smoothly.

"Having to wait on a computer is a waste of valuable time," he says. "TI runs software fast. And the TI screen has a lot better resolution than other monitors."

His TI 855 printer also speeds up the paperwork. "We can use it to go from draft to letter quality immediately, and change typefaces very quickly by using the control panel instead of software commands."

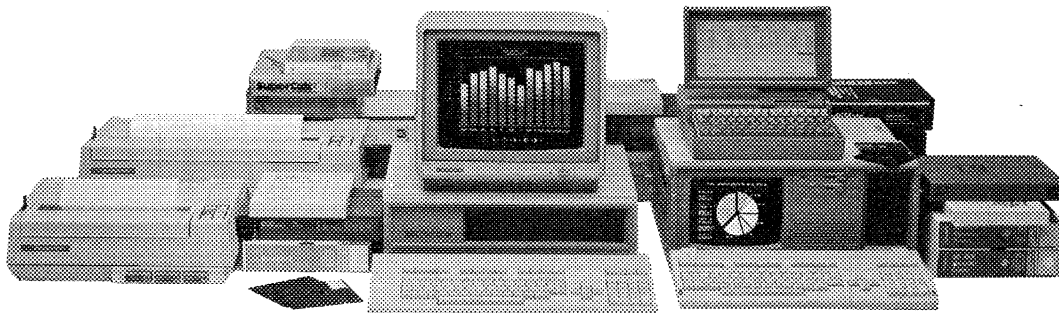
TI had what the doctor ordered to put together a complete PC system for his specific needs. Including a solution for a budding computer genius in his family. "My daughter," he says, "loves her Speak & Spell."

TI has the right answers for the way you work.

With TI's broad line of versatile computer products, you can put together a system unique enough to put your own name on it. Your TI dealer can provide you with just the right combination of hardware, software, service and support for your special needs. For more information and the location of your nearest TI dealer, call 1-800-527-3500.


**TEXAS
INSTRUMENTS**

Creating useful products
and services for you.



From desktop, portable and briefcase PCs to minicomputers and a full line of printers, you can assemble a TI system as unique as you are.

2775-54
© 1985 TI



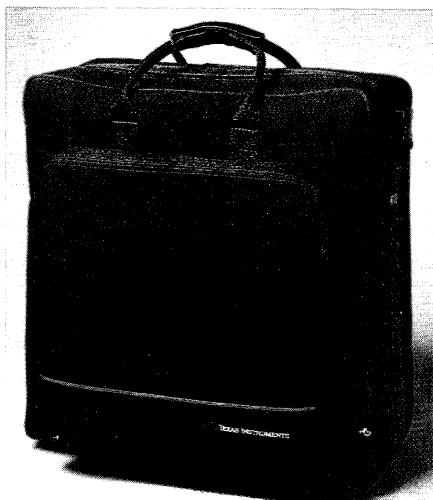
**TEXAS
INSTRUMENTS**

Creating useful products
and services for you.

Workstation Supplies/Accessories



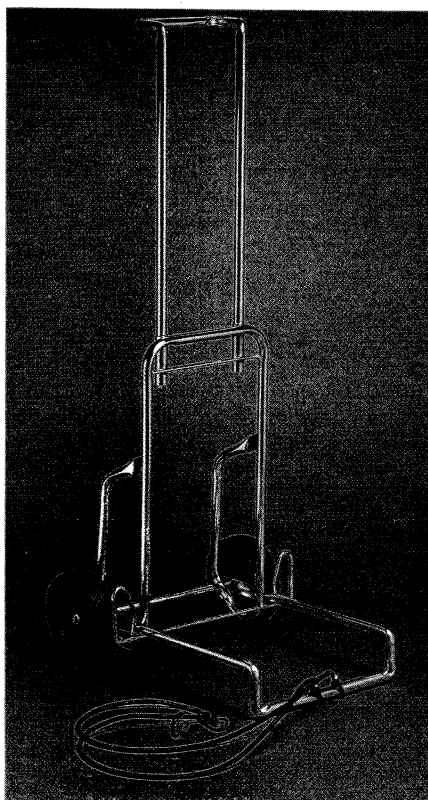
Carrying Case (703/707)



Carrying Case (TIPPC)

Description	Part Number	Sugg. Price
Carrying Case (TIPPC)	2238691-0001	100.00
Carrying Case (703/707)	2310470-0001	75.00

- 100% Cordura nylon fabric imbedded with a highly protective layered foam construction
- Protects your equipment from dirt, scratches and moisture during transportation (not designed for use as a shipping case)
- Practical design
- It can be easily be cleaned with a damp cloth



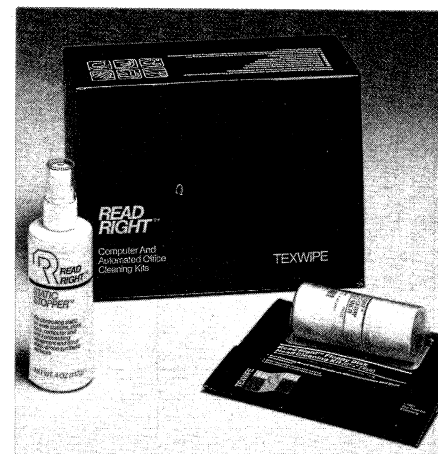
Universal Cart

Description	Part Number	Sugg. Price
Cart—Universal	2534911-0001	34.00

- Large 6" wheels easily transport up to 250 lbs.
- 5/8" chromed steel tubing assures maximum strength through unitized construction
- Exclusive 72" safety stretch cord minimizes hook flyback
- Simplified push-button action allows easy folding and unfolding



The following preventive maintenance products were designed to help maintain your equipment and ensure that it performs to its optimum capability. Each product was chosen to help simplify your maintenance tasks, thus making it easier to do on a regular basis.



Cleaning Kits

Description	Part Number	Sugg. Price
TIPC/TIPPC Cleaning Kit	2534914-0001	34.95

- 1 floppy disk cleaner
- 1—1 3/4 oz. metered spray head cleaner (aerosol)
- 1—4 oz. CRT screen cleaner (non-aerosol pump spray)
- 50—6" x 6" cloth wipes
- 1 static neutralizing cloth
- 10 office-wipes

Description	Part Number	Sugg. Price
Cleaning Kit—Floppy Head 5 1/4"	2534913-0001	14.95

- 1—floppy disk cleaner
- 1—1 3/4 oz. metered spray head cleaner (aerosol)
- 1—diskette storage sleeve (with adhesive foam discs for attaching sleeve to CRT)

Description	Part Number	Sugg. Price
Anti-Static Pump Spray (4 oz.)	2534912-0001	4.95

Workstation Supplies/Accessories

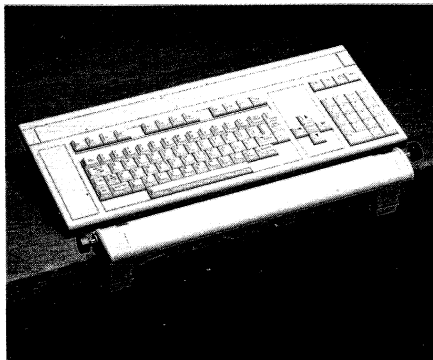


Screenwipes

The Screenwipe™ system is a convenient, safe easy way for anyone to help prevent eye fatigue by keeping CRT screens clear and easy to read. One quick step removes fingerprints and airborne dirt, smoke and soot particles—as well as most of the static charge that attracts them. The specially developed, patented fluid in a lint-free tissue is safe to use on screen surfaces of glass, plastic or glare-reducing mesh.

Patent Pending
Copyright 1985 Aldine Paper Company, NY, NY

Description	Part Number	Sugg. Price
Screenwipes	2232681-0001	20.00



Wrist Support

Description	Part Number	Sugg. Price
Furniture—Wrist Support	2534919-0001	59.00

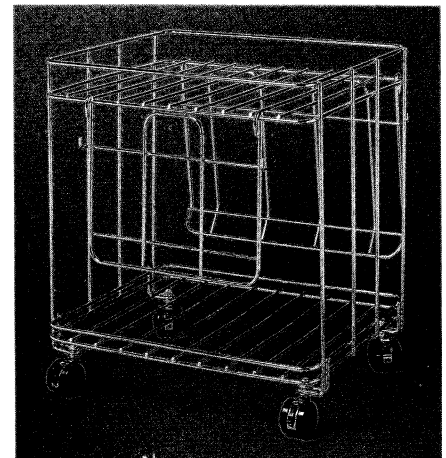
- Adjusts to ideal wrist height for each user
- Reduces arm, shoulder and neck strain
- Easily attached without screws or drilling
- Anti-static material dissipates static charges



Constant Voltage Conditioner

Problems with the electrical power are now a major concern to computer users. Studies have shown that approximately 50% of all hardware related problems can be traced to electrical noise in the power. Electrical noise in the power can, in the space of a billionth of a second, cause malfunctions in your computer and other sensitive equipment. This electrical noise can also cause memory loss, equipment damage . . . even total failure of your entire system. Installing a power conditioner can help protect your TIPC against power surges, power shortages, brownouts or blackouts and interference from other electrical equipment.

Description	Part Number	Sugg. Price
Constant Voltage Conditioner	2534932-0002	400.00

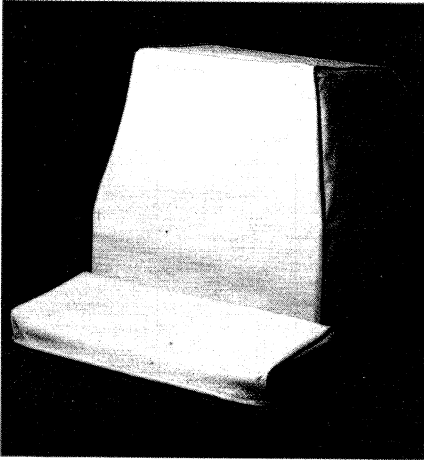


Forms Cart

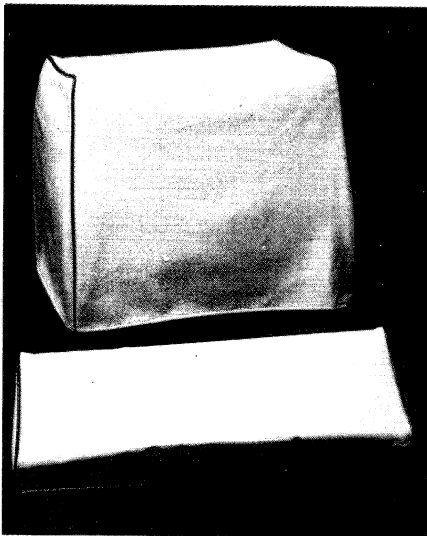
Description	Part Number	Sugg. Price
Mobile Forms Cart	2534918-0001	125.00

- Handles transporting, paper feeding and refolding
- Heavy gauge construction
- Holds any size paper
- Smooth-rolling casters

Workstation Supplies/Accessories



Dust Cover (931)

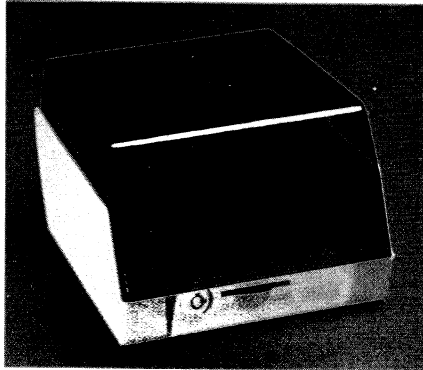


Dust Cover (TIPC)

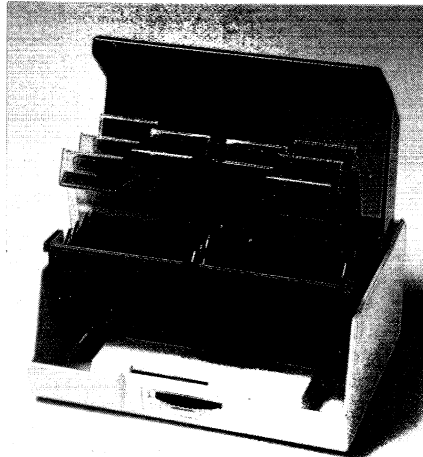
Description	Part Number	Sugg. Price
Dust Cover (931)	2213566-0001	30.00
Dust Cover (TIPC Desktop)	2213566-0002	25.00

- Protects your terminal from dust and other airborne contaminants
- Custom made to insure a proper fit
- Non-conductive material used
- Simple to clean—just use a damp cloth

Preventive maintenance for your Texas Instruments Computer is not limited to hardware, but should actually begin with protecting the media you have chosen for the job. We offer a complete line of floppy disk storage units that not only provide protection, but are easy to use and can be stored in a limited amount of space.



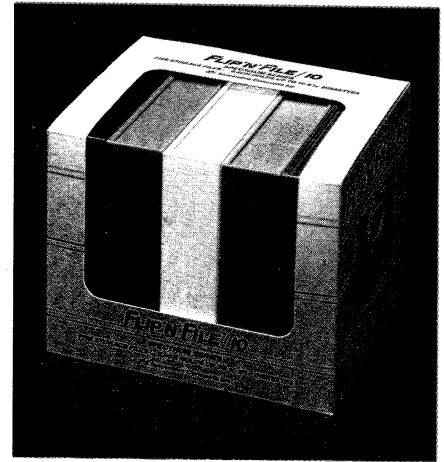
Floppy Disk File (5¼")



Floppy Disk File (3.5")

Description	Part Number	Sugg. Price
Floppy Disk File—5¼" (25 cap.)	2534922-0001	29.95
3.5" (25 cap.)	2534923-0001	34.95

- Built-in tab dividers for easy organization
- When lid is opened, cam action rotates diskettes from a horizontal to vertical position
- Ideal for moderate to heavy disk users
- Attractive, durable design makes it perfect for office or home use



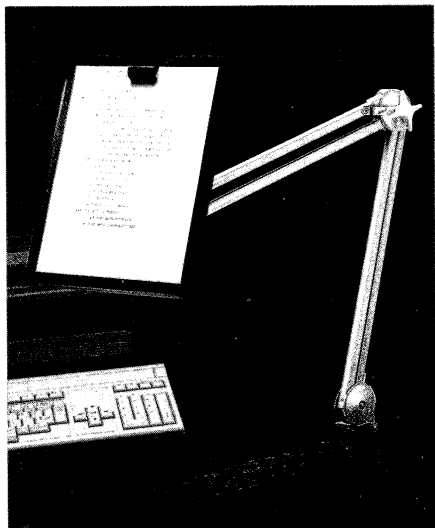
Floppy Disk File (5¼")

Description	Part Number	Sugg. Price
Floppy Disk File—5¼" (5 @ 10 cap.)	2534921-0001	19.95

- Color-coded filing system
- Contains 5 units that hold 10
- Complete index materials for organizing filing and retrieval of diskettes



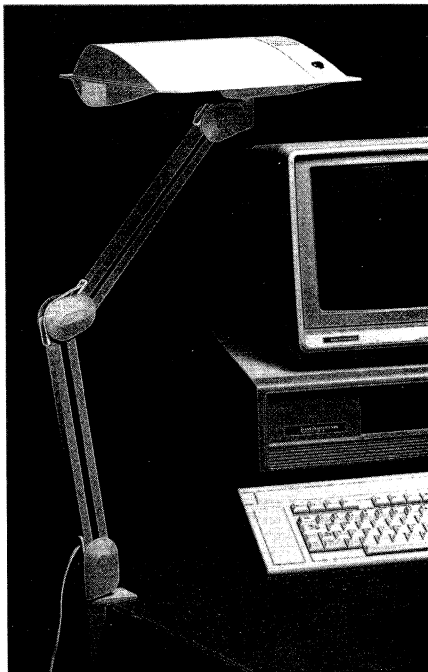
Workstation Supplies/Accessories



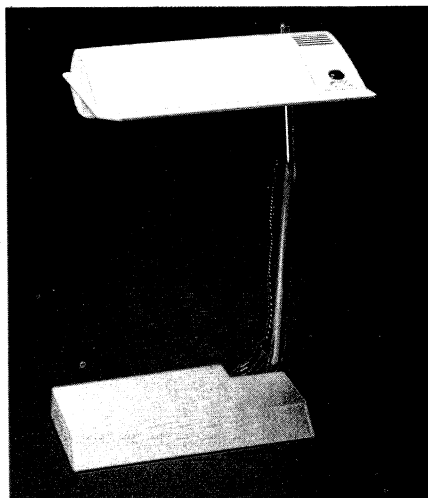
Copyholder

Description	Part Number	Sugg. Price
Copyholder	2534917-0001	64.95

- Ergonomic design allows for correct posture
- Excellent for word processing, data entry and general office use
- Non-glare, non-metallic, non-reflective surface aids in eliminating eye fatigue



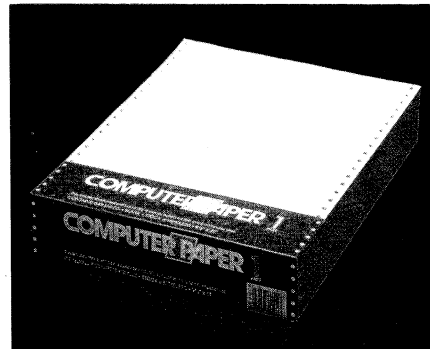
CRT Lamp



Desk Lamp

Description	Part Number	Sugg. Price
Lamp—CRT	2534916-0001	109.95
Lamp—Desk	2534915-0001	109.95
Lampbulb—Replacement	2232693-0001	11.65

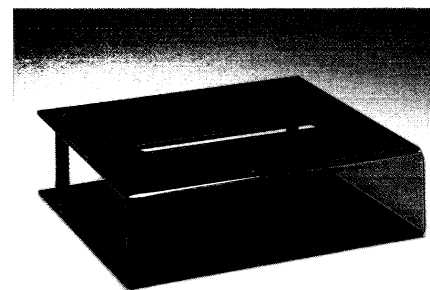
- Adjustable K-arm design with CRT lamp or fixed arm Desk lamp available
- Designed specifically for workstations
- Glare-free, well-directed lighting
- 13 watt bulb generates 75 watts output



Printer Paper

Description	Part Number	Sugg. Price
Mini-Pack Printout Paper	2209117-0034	9.95

- 540 sheets pre-packed
- Convenient size for small applications
- Easily fits under mini-printer stand



Printer Stand

Description	Part Number	Sugg. Price
Mini-Printer Stand (850/855)	2534910-0001	49.95

- Saves space
- Durable, lightweight acrylic
- Provides steady, even flow of paper

Texas Instruments Professional Computers Options & Upgrades

Texas Instruments Professional Computer

The Texas Instruments Professional Computer has been rated a superior computer time and again by many professional reviewers.

The system unit starts with 128K bytes of random access memory (RAM), and is expandable to 768K bytes. Parallel printer port and diskette-drive controller are built in, and five expansion slots are provided.

Over one hundred branded and distributed application programs are available through TI EXPRESS.

Standard features include:

- 16-bit 8088 microprocessor with 128K-byte RAM, expandable to 768K bytes
- 320K/360K-byte built-in diskette drive. Memory capacity dependent on operating system used
- CRT controller supports 12-inch monochrome or 13-inch color monitor. 720 × 300 pixel resolution
- Parallel printer port
- 97 keys, including separate numeric keypad and 12 function keys



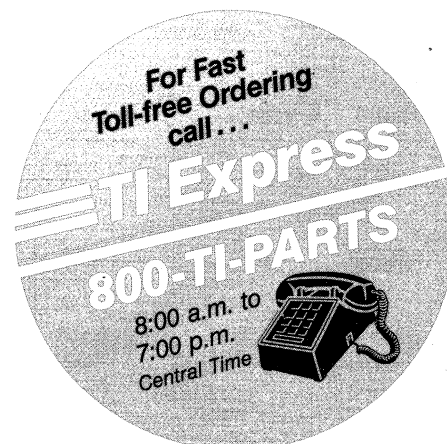
TI microprinters are specially designed for Texas Instruments Professional Computers.

TI Professional Computer

Description	Part Number	Shipping Wt.	Sugg. Price
System unit, 128K RAM memory, monochrome, single floppy drive	2245609-0001	75 lb.*	2395.00**
System unit, 128K RAM memory, color, single floppy drive	2245610-0001	75 lb.*	2795.00**
Options/Upgrades			
212A Modem Kit (300/1200 baud)	2223045-0001	2 lb.	750.00
64K RAM Option Kit	2223099-0001	1 lb.	85.00
Primary 256K RAM Memory Kit	2223190-0001	2 lb.	595.00
Graphics Kit, 1-Plane (2 colors)	2223236-0001	1 lb.	190.00
Graphics Kit, 3-Plane (8 colors)	2223236-0002	2 lb.	250.00
Communication Card Kit	2223238-0001	1 lb.	225.00
103 Modem Kit (300 baud)	2223261-0001	2 lb.	295.00
Half-High Floppy Disk Kit	2237395-0003	7 lb.	400.00
System ROM Upgrade Kit	2237396-0001	1 lb.	50.00
Secondary 256K RAM Memory Kit	2237398-0001	1 lb.	555.00
Half-High Winchester Disk Kit	2238695-0003	7 lb.	1695.00
Winchester Disk Kit, 18.2MB with controller	2243926-0001	15 lb.	2095.00
External Drive Connector	2243951-0001	1 lb.	30.00
Retrofit Kit for Half-High Floppy Conversion	2243982-0002	3 lb.	50.00
Business System 100 Upgrade Transporter Kit	2245698-0001	5 lb.	2995.00
Manuals			
Technical Reference Package	2232406-0001	5 lb.	65.00
Maintenance Diagnostics Pkg.	2223199-0001	4 lb.	195.00

*Cannot be shipped via UPS.

**Discounts not applicable through TI EXPRESS.



Texas Instruments

Professional Computers

Options & Upgrades

Portable Professional Computer

The TI Portable PC closes into a compact unit that's as easy to carry as a piece of luggage. Computer, monitor, keyboard and disk drives, all in one easy-to-handle package.

The TI PC and the TI Portable PC are functionally identical. You don't have to give up a single bit of function or flexibility to get this portability. Even software is completely interchangeable.

Standard features include:

- 16-bit 8088 microprocessor with 128K-byte RAM, expandable to 768K bytes
- Single 320K/360K-byte built-in diskette drive with optional second drive
- Internal video display—9-inch monochrome or 9-inch color monitor with high resolution display
- Standard parallel printer port
- 97 keys, including separate numeric keypad and 12 function keys



*Magnetic media for your
TIPC or TIPPC on page 13*

TI Portable Professional Computer

Description	Part Number	Shipping Wt.	Sugg. Price
System unit, 128K RAM memory, monochrome, single floppy drive	2238718-0001	50 lb.	2295.00*
System unit, 128K RAM memory, color, single floppy drive	2238719-0001	50 lb.	2795.00*
Options			
212A Modem Kit (300/1200 baud)	2223045-0001	2 lb.	750.00
64K RAM Option Kit	2223099-0001	1 lb.	85.00
Primary 256K RAM Memory Kit	2223190-0001	2 lb.	595.00
Graphics Kit, 1-Plane (2 colors)	2223236-0001	1 lb.	190.00
Graphics Kit, 3-Plane (8 colors)	2223236-0002	2 lb.	250.00
Communication Card Kit	2223238-0001	1 lb.	225.00
103 Modem Kit (300 baud)	2223261-0001	2 lb.	295.00
Half-High Floppy Disk Kit	2237395-0003	7 lb.	400.00
System ROM Upgrade Kit	2257396-0001	1 lb.	50.00
Secondary 256K RAM Memory Kit	2237398-0001	1 lb.	555.00
Carrying Case, Soft	2238691-0001	7 lb.	100.00
Half-High Winchester Disk Kit (10MB)	2238695-0003	7 lb.	1695.00
External Drive Connector	2243951-0001	1 lb.	30.00

*Discounts not applicable through TI EXPRESS.

Texas Instruments Professional Computers Options & Upgrades

Pro-Lite™ Professional Computer

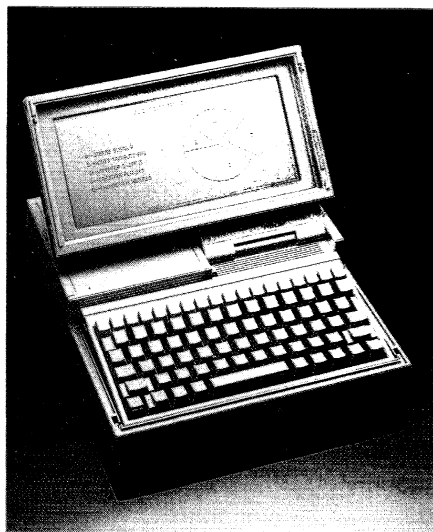
The TI Pro-Lite gives you the power of a desktop PC in a computer that fits in a briefcase.

Standard features include:

- 16-bit 80C88 microprocessor with 256K-bytes of random access memory (RAM), expandable to 768 bytes
- Single 3.5-inch, 1MB (720K-bytes formatted) built-in diskette drive
- Adjustable 12-inch LCD screen with 640 × 200 pixel resolution (compatible with 720 × 300). Full 25 by 80-column screen
- Two option slots
- Parallel printer port
- Keyboard with 79 keys, including 12 programmable function keys

Options include:

- TI Portable Printer or TI 850 or 855
- 300 BPS internal modem
- Acoustic coupler
- RS-232C interface
- Battery pack
- Carrying case

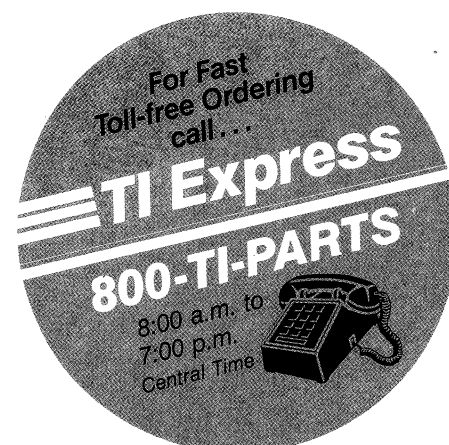


TI ProLite™ Computer & TI Portable Printer

Description	Part Number	Shipping Wt.	Sugg. Price
System unit, 256K RAM memory, LCD screen, single floppy drive, MS-DOS, & AC/DC adapter	2227140-0001	33 lb.	2995.00*
TI Portable Printer	2227040-0001	10 lb.	499.00*
Options/Upgrades			
Printer, Signal Cable Kit	2226984-0001	1 lb.	35.00**
CRT Interface Kit	2227263-0001	2 lb.	499.00**
Applications Kit	2227264-0001	1 lb.	69.00**
Memory Expansion	2227265-0001	1 lb.	595.00*
LCD Graphics Kit	2227267-0001	2 lb.	150.00**
Pro-Lite Battery Pack	2227268-0001	5 lb.	129.00**
RS-232 Com. Card Kit	2227270-0001	1 lb.	225.00
Add-on Floppy Kit	2227271-0001	4 lb.	595.00**
Interface Cable Kit	2227272-0001	2 lb.	89.00**
Battery Pack Kit w/Drive	2227294-0001	8 lb.	724.00**

*Discounts not applicable through TI EXPRESS.

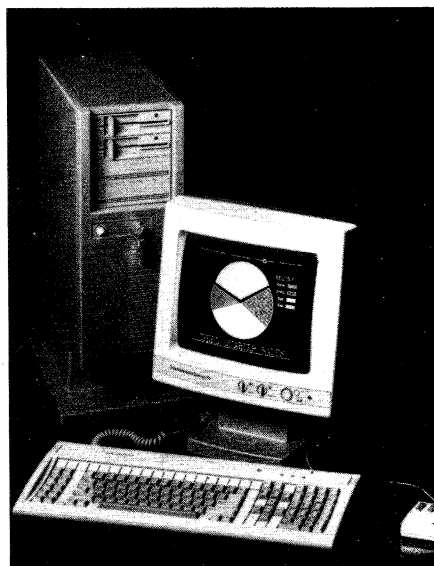
**Available for shipment September 15, 1985.



Options & Upgrades for the Texas Instruments Business Pro™ Computer

TI Business Pro Computer

To provide maximum flexibility in system configuration, a wide range of hardware options are available for the TI Business-Pro. You can increase memory to a total of 15M bytes of RAM, add tape back-up, floppy drives or Winchester disk drives. You can increase operating speed with the addition of an optional 80287 numeric coprocessor, and add high-resolution color graphics with the 3-plane graphics controller and color monitor. TI EXPRESS is ready to help you take full advantage of the unique capabilities of your TI Business-Pro computer.



TI Business Pro™ Computer

Options/Upgrades

Description	Part Number	Shipping Wt.	Sugg. Price
60MB Half-High Tape Back-up with Controller	2240836-0001	10 lb.	1995.00
80287 Numeric Co-Processor	2240917-0001	2 lb.	375.00
512K RAM Expansion Kit	2240918-0001	1 lb.	1000.00
High Capacity RAM Expansion Kit	2240919-0001	10 lb.	1250.00
1.2MB Half-High Floppy Drive	2240952-0001	10 lb.	650.00
TI Mode RS-232 Serial Interface (Async/Sync)	2240969-0001	20 lb.	150.00
360K Half-High Floppy Drive	2240972-0001	10 lb.	400.00
21MB Half-High Winchester Disk	2240994-0001	15 lb.	1595.00
Winchester Controller	2241059-0001	2 lb.	350.00
40MB Full-High Winchester Disk	2241087-0001	10 lb.	2995.00
72MB Full-High Winchester Disk	2241087-0002	10 lb.	4495.00
128K RAM Expansion Kit	2536080-0001	10 lb.	350.00

Monitors and CRT Controllers

Monochrome Monitor with Swivel/Tilt Base	2240804-0001	10 lb.	450.00
Color Monitor with Swivel/Tilt Base	2240805-0001	38 lb.	795.00
TI Mode CRT Controller Card with 3-plane Graphics	2240967-0001	2 lb.	495.00
PC-AT Mode CRT Controller Card	2240968-0001	2 lb.	495.00

Computer Systems Options & Upgrades

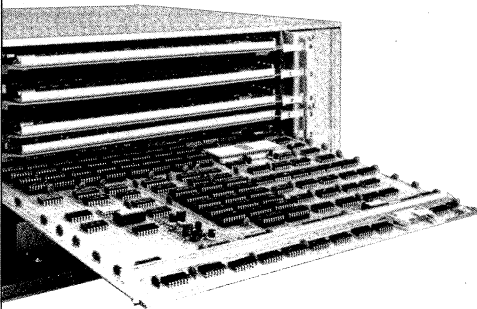
Computer System Options and Upgrades.

Enhance your TI Business System
with help from TI EXPRESS.

One of the reasons so many businesses
own TI Business Systems is expanda-
bility—the ability to add to the system
to meet their growing business needs.

Whenever your business grows to
the point you need to modify or
expand your current TI Business
System computer, TI EXPRESS is
ready to help.

We carry a broad line of factory war-
ranted upgrades, options and accesso-
ries for TI Business Systems—products
designed to help keep your computer
operation running at peak efficiency
now and in the future.



TI 990 Models 4/6/8/16/26/36

Options/Upgrades

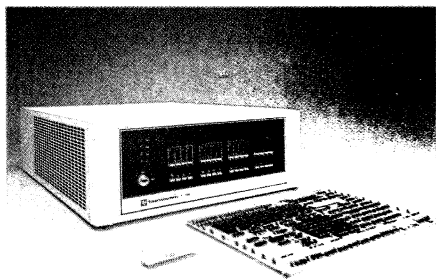
Description	Part Number	Shipping Wt.	Sugg. Price
EC Controller Cable & 1 Array (16K RAM) 2 Required	0936401-0001	1 lb.	75.00
EC Controller Cable & 2 Arrays (16K RAM) 2 Required	0936401-0002	1 lb.	100.00
EC Controller Cable & 3 Arrays (16K RAM) 2 Required	0936401-0003	1 lb.	125.00
EC Controller Cable & 4 Arrays (16K RAM) 2 Required	0936401-0004	1 lb.	150.00
TTY/EIA Terminal Interface	0937527-0003	2 lb.	460.00
990 to 810 Interface	0938120-0002	3 lb.	525.00
990 Communications Interface	0946104-0001	2 lb.	610.00
Bell Data Set Interface	0946104-0002	5 lb.	680.00
EC Memory Expansion Module 64KB (16K RAM)	0948955-8005	2 lb.	2000.00
EC Memory Expansion Module 128KB (16K RAM)	0948955-8006	2 lb.	3500.00
EC Memory Expansion Module 192KB (16K RAM)	0948955-8007	3 lb.	5000.00
EC Memory Expansion Module 256KB (16K RAM)	0948955-8008	2 lb.	6500.00
990 to 743 Interface	0948977-0002	4 lb.	525.00
990 to 820 Interface	2262090-0002	3 lb.	525.00
TTY/EIA Remote Terminal Interface (300 BPS)	2265150-0001	4 lb.	530.00
TTY/EIA Remote Terminal Interface (1200 BPS)	2265150-0002	4 lb.	530.00
990 BCAIM Interface	2265184-0002	6 lb.	970.00
Cabinets			
13 Slot Center Card Chassis (LR)	0940045-0002	1 lb.	12.00
Chassis Slide	0945127-0001	7 lb.	85.00
Cables			
990 to 940 Terminal	2262093-0001	2 lb.	65.00
990 to 820 KSR Printer	2262096-0001	2 lb.	75.00
911 CRT Kits			
911 Dual 1920 Characters w/Graphics	0938849-0002	120 lb.*	4350.00
911 Dual 1920 Characters w/Graphics Single	0938849-0003	58 lb.*	2600.00
911 VDU w/Cable and Keyboard	0938850-0001	56 lb.*	1750.00

*Cannot be shipped via UPS.

Computer Systems Options & Upgrades

Preventive maintenance is an important consideration in receiving maximum performance from your computer system. TI EXPRESS makes preventive maintenance convenient by having Air Filter Kits configured for your particular system. Now you can order all the air filters you need for your system under one part number.

Periodic checking and changing air filters will help prevent some head crashes, reduce service calls, and decrease system downtime.



TI 990 Models 4/6/8/16/26/36

Filters

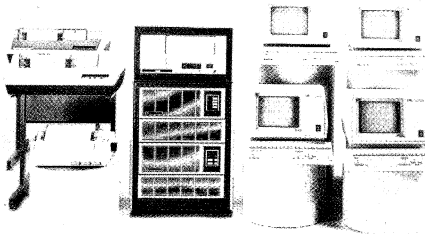
Description	Part Number	Shipping Wt.	Sugg. Price
DS25/50/80 Absolute Filter	0943841-0041	4 lb.	30.00
DS200/300 Absolute Filter	0943841-0141	4 lb.	75.00
DS10 Air Filter	0943848-0034	3 lb.	30.00
6 Slot Chassis Air Filter	0945152-0001	1 lb.	6.00
13 Slot Chassis Air Filter	0945152-0002	1 lb.	6.00

System Filter Kits

WD800 Air Filter 6/Pack	2213088-0001	2 lb.	20.00/Pk.
990 Model 29 Air Filter Kit	2242595-0001	7 lb.	100.00
990 Model 36 w/Secondary DS300 Air Filter Kit	2242599-0001	10 lb.	180.00
990 Model 26 w/Secondary DS80 Air Filter Kit	2242600-0001	9 lb.	100.00
990 Model 36 w/Primary DS300 Air Filter Kit	2242601-0001	9 lb.	100.00
990 Model 26 w/Primary DS80 Air Filter Kit	2242602-0001	9 lb.	55.00
990 Model 16 w/Secondary DS80 Air Filter Kit	2242603-0001	10 lb.	85.00
990 Model 16 w/Primary DS80 Air Filter Kit	2242604-0001	10 lb.	45.00
990 Model 7/9 Air Filter Kit	2242605-0001	9 lb.	80.00
990 Model 5 Air Filter Kit	2242606-0001	5 lb.	20.00
990 Model 4 Air Filter Kit	2242607-0001	4 lb.	35.00
990 Model 3 Air Filter Kit	2242608-0001	4 lb.	35.00
17 Slot Chassis Air Filter	2265283-0001	1 lb.	6.00
13 Slot Chassis Air Filter 6/Pack	2310376-0001	5 lb.	20.00/Pk.

Computer Systems Options & Upgrades

This mid-range mini-computer combines the easy functioning of smaller systems yet can be expanded to meet your growing business concerns. TI EXPRESS is there to help you expand and maintain your system as your needs change.



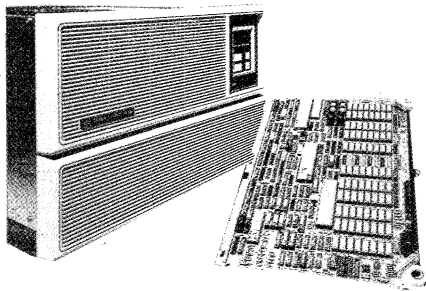
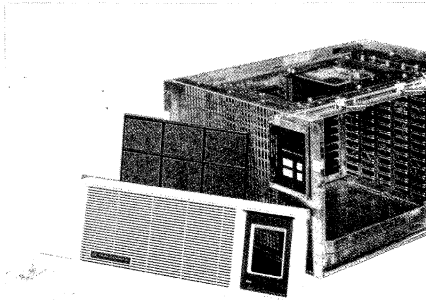
System 600/800

Options/Upgrades

Description	Part Number	Shipping Wt.	Sugg. Price
CI403, 4 Channel EIA Communication Interface	2230356-0001	3 lb.	1100.00
CI404, 4 Channel Fiber Optic Communication Interface	2230359-0001	3 lb.	1500.00
Controller Cable & 1 Array (64K DRAM) 2 Required	2261998-0001	1 lb.	75.00
Controller Cable & 2 Arrays (64K DRAM) 2 Required	2261998-0002	1 lb.	100.00
Controller Cable & 3 Arrays (64K DRAM) 2 Required	2261998-0003	1 lb.	125.00
Controller Cable & 4 Arrays (64K DRAM) 2 Required	2261998-0004	1 lb.	150.00
EC Memory Expansion Module 256KB (64K DRAM)	2262035-8001	2 lb.	1500.00
EC Memory Expansion Module 512KB (64K DRAM)	2262035-8002	2 lb.	3000.00
EC Memory Expansion Module 768KB (64K DRAM)	2262035-8003	2 lb.	4500.00
EC Memory Expansion Module 1028KB (64K DRAM)	2262035-8004	2 lb.	6000.00
CI402, 2 Channel Asynchronous Communication Interface	2303111-0001	2 lb.	495.00
CP502, Synchronous Communication Processor	2303091-0001	3 lb.	800.00
EC Cache Memory Controller Module 512KB (64K RAM)	2309333-0002	4 lb.	7500.00
Hardware/Accessories			
Front Panel (Plastic) 7 in.	2310372-0001	2 lb.	25.00
Front Panel (Plastic), Blank	2310372-0002	2 lb.	31.00



Computer Systems Options & Upgrades



System 600/800

Filters & Filter Kits

Description	Part Number	Shipping Wt.	Sugg. Price
WD800 Air Filter 6/Pack	2213088-0001	2 lb.	20.00/Pk.
BS 886A Air Filter Kit	2242609-0001	6 lb.	80.00
BS 884A Air Filter Kit	2242610-0001	10 lb.	175.00
BS 682A/882A Air Filter Kit	2242611-0001	6 lb.	40.00
BS 661/661A/861/861A Air Filter Kit	2242612-0001	7 lb.	80.00
BS 680/680A Air Filter Kit	2242613-0001	9 lb.	80.00
BS 671/671A/672/672A/872/872A Air Filter Kit	2242614-0001		6.00
13 Slot Chassis Air Filters 6/Pack	2310376-0001	2 lb.	20.00/Pk.

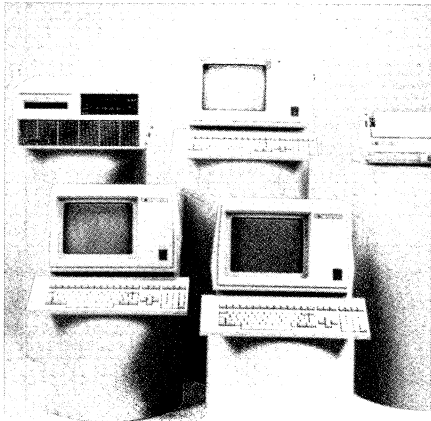
Cabinets

990A Hard Mount Upper Chassis	2309400-0001	6 lb.	85.00
990A 13 Slot Hard Mount Lower Chassis	2309439-0001	5 lb.	85.00

Cables

Modem to CP502, CI402, CI403 (9 meters)	2303070-0002	3 lb.	125.00
Modem to CP502, CI402, CI403 (3 meters)	2303070-0003	2 lb.	75.00
EIA Extension (15 meters)	2303071-0002	3 lb.	150.00
EIA Extension (61 meters)	2303071-0004	11 lb.	300.00
931 Terminal to /10A, CI402 and CI403	2303077-0001	2 lb.	125.00
810 and 85X Series to /10A, CI402 and CI403	2303080-0001	2 lb.	125.00
Comm/X.21 (DCE) to CP502 (3 meters)	2303094-0001	2 lb.	75.00
Comm/X.21 (DCE) to CP502 (9 meters)	2303094-0002	3 lb.	125.00

Computer Systems Options & Upgrades



System 300/300A

Options/Upgrades

Description	Part Number	Shipping Wt.	Sugg. Price
S300A 256KB Memory Expansion Kit	2232014-0002	5 lb.	1500.00
S300A Ethernet Interface Kit	2239150-0003	5 lb.	2950.00
CI421 2/CH Communications Kit	2532823-0002	2 lb.	450.00
S300 128KB Memory Expansion Kit	2532852-0002	4 lb.	750.00
CI422 4/CH Communications Kit	2532856-0004	4 lb.	850.00

Cables

Serial Cable Adapter	2222477-0002	1 lb.	25.00
S300 Aux 1 to 810, 85X	2230504-0001	2 lb.	75.00
S300 Aux 1 to 810, 85X (15 meters)	2230504-0003	4 lb.	200.00
Peripheral Extension (7 meters)	2230505-0001	2 lb.	125.00
CI421, CI422 to 810, 85X (4 meters)	2308663-0001	1 lb.	75.00
Modem Interface (3 meters)	2532883-0001	1 lb.	75.00

Accessories

Neutral Anti-Glare Screen	2207805-0001	1 lb.	25.00
Amber Anti-Glare Screen	2207805-0002	1 lb.	25.00
Green Anti-Glare Screen	2207805-0004	1 lb.	25.00
Tilt Base	2532878-0002	5 lb.	25.00

Options & Upgrades for the Model 931

Kits

Description	Part Number	Shipping Wt.	Sugg. Price
Tilt Base	2532878-0004	3 lb.	25.00

Cables

Serial Cable Adapter	2222477-0002	1 lb.	25.00
931 to 810, 85X (4 meters)	2230504-0001	2 lb.	75.00
Fiber Optic Extension (60 meters)	2233201-0002	7 lb.	300.00
Fiber Optic Extension (150 meters)	2233201-0003	18 lb.	600.00
Fiber Optic Extension (300 meters)	2233201-0004	36 lb.	1050.00
Duplex Fiber Optic (15 meters)	2233200-0001	3 lb.	150.00
EIA Extension (15 meters)	2303071-0002	3 lb.	150.00
EIA Extension (61 meters)	2303071-0004	13 lb.	300.00
931 to /10A, CI402, CI403	2303077-0001	2 lb.	125.00

For Fast
Toll-free Ordering
call...

TI Express

800-TI-PARTS

8:00 a.m. to
7:00 p.m.
Central Time



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0948955-8005	23	2207805-0004	27	2222506-0001	5,6,12	2230973-0001	9
0948955-8006	23	2208225-9701	4	2222514-0001	5	2232014-0002	27
0948955-8007	23	2209117-0001	11	2222533-0001	5	2232406-0001	19
0948955-8008	23	2209117-0002	11	2222602-0001	8	2232680-0001	14
0948977-0002	23	2209117-0003	11	2222602-0002	8	2232680-0002	14
0948986-0002	13	2209117-0004	11	2222602-0003	8	2232680-0003	14
0953025-0001	12	2209117-0005	11	2222602-1001	8	2232681-0001	16
0959422-0001	12	2209117-0006	11	2222602-1201	8	2232693-0001	18
0960333-0001	13	2209117-0007	11	2222627-0001	8	2232695-0001	14
0972603-0001	10	2209117-0008	11	2222628-0001	8	2232695-0002	14
0983829-0002	12	2209117-0009	11	2222630-0001	8	2232783-0002	6
0993204-0001	3	2209117-0010	11	2222703-0003	8	2232783-0006	6
0993205-0001	3,4	2209117-0011	11	2222703-0004	8	2232789-0001	6
0993210-0001	4	2209117-0012	11	2222738-0001	8	2232793-8001	5,6,7
0994292-0001	3	2209117-0013	11	2223045-0001	19,20	2232793-8002	5,6,7
0994353-9701	3	2209117-0014	11	2223099-0001	19,20	2232812-0001	9
0994386-9701	3	2209117-0015	11	2223106-0001	5,6,7,8	2232826-0001	6,12
0994395-0008	3	2209117-0016	11	2223190-0001	19,20	2232826-0003	7
0994395-0019	3	2209117-0020	11	2223199-0001	19	2232846-0001	7
0994395-0108	3	2209117-0021	11	2223221-0002	13	2232859-0001	5,6
0994395-0119	3	2209117-0022	11	2223236-0001	19,20	2232859-0002	6
0994401-0003	3	2209117-0023	11	2223236-0002	19,20	2233201-0002	27
0994402-8001	3	2209117-0024	11	2223238-0001	19,20	2233201-0003	27
0994442-0002	3,8	2209117-0025	11	2223261-0001	19,20	2233201-0004	27
0994509-0002	3,8	2209117-0026	11	2225914-0001	6	2233200-0001	27
0994511-8001	3	2209117-0027	11	2225929-0001	9	2237395-0003	19,20
0994512-8001	3	2209117-0030	11	2226984-0001	21	2237396-0001	19,20
0994513-8001	3	2209117-0031	11	2227040-0001	21	2237398-0001	19,20
0995485-0001	10	2209117-0032	11	2227140-0001	21	2238691-0001	15,20
0996289-0001	3,4	2209117-0033	11	2227263-0001	21	2238695-0003	19,20
0996340-0001	13	2209117-0034	18	2227264-0001	21	2238718-0001	20
0999415-0001	10	2213088-0001	24,26	2227265-0001	21	2238719-0001	20

TI EXPRESS CATALOG ORDER FORM

MAIL ORDER TO

Texas Instruments Incorporated
Data Systems Group
P.O. Box 1444 M/S 7722
Houston, Texas 77251
Attn: TI Express Customer Service

TELEPHONE ORDERS:

U.S. 800-847-2787

DATE: / / PURCHASE ORDER NO. _____

CUSTOMER QUANTITY PURCHASE AGREEMENT NO. _____

CUSTOMER CONTACT: _____

TELEPHONE NUMBER: () EXT: _____

SPECIAL INSTRUCTIONS: ☐ NO PARTIAL SHIPMENT ☐ INTRANSIT INSURANCE
☐ OPEN ACCOUNT ☐ CHECK/M.O.

TAXABLE ☐ YES TAX BOND OR EXEMPT NO. (IF APPLICABLE) _____

☐ NO _____

☐ SPECIAL SHIPPING VIA _____

BILLING ADDRESS

COMPANY: _____

DEPT./ATTN: _____

STREET: _____

CITY: _____

STATE: _____

SHIPPING ADDRESS: ☐ SAME

COMPANY: _____

DEPT./ATTN: _____

STREET: _____

CITY: _____

STATE: _____

ORDER ITEM NO.	TI EXPRESS PART NO.	DESCRIPTION	QUANTITY	UNIT PRICE	DISCOUNT	TOTAL AMOUNT
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						

**MERCHANDISE
TOTAL**

TAX

SHIP-INS.

TOTAL

METHOD OF PAYMENT

☐ VISA ☐ MASTERCARD ☐ AMERICAN EXPRESS

CARD NUMBER

EXPIRATION DATE: / /

BY EXECUTING THIS ORDER, I ACKNOWLEDGE THAT I HAVE READ, UNDERSTOOD AND ACCEPT THE TERMS AND CONDITIONS STATED IN THE CATALOG.

X

AUTHORIZED SIGNATURE

DATE

TI EXPRESS STANDARD TERMS AND CONDITIONS

ANY TERM, CONDITION AND/OR PROVISION ("TERMS") OF BUYER'S ORDER WHICH IS IN ANY WAY INCONSISTENT WITH OR IN ADDITION TO THESE TERMS SHALL NOT BE APPLICABLE HERETO OR BINDING UPON TEXAS INSTRUMENTS INCORPORATED ("TI"). IF BUYER OBJECTS TO ANY TERMS HEREIN, SUCH OBJECTION MUST BE IN WRITING AND RECEIVED BY TI AT TI'S TEXAS HOME OFFICE PRIOR TO COMMENCEMENT OF PERFORMANCE BY TI. RETENTION BY BUYER OF ANY PRODUCTS DELIVERED BY TI HEREUNDER SHALL BE CONCLUSIVE DEEMED ACCEPTANCE OF THE TERMS HEREOF. TI'S FAILURE TO OBJECT TO TERMS CONTAINED IN ANY COMMUNICATION FROM BUYER WILL NOT BE A WAIVER OF THE TERMS HEREOF.

1. DEFINITIONS

As used in these Standard Terms and Conditions of Sale the following terms shall mean:

- A. Equipment - the item(s) of hardware delivered hereunder, including spare and repair parts thereof.
- B. Programs - Software, in whatever form (including that which is ROM-resident), subsequent revisions, improvements or updates thereto, and listings, manuals, logic diagrams, flow charts, and data tables.
- C. Products - includes both Equipment and Programs.
- D. Price List - TI's then-current applicable price list.

2. PRICES

The prices shall be TI's standard prices which are in effect at the time TI accepts Buyer's order. Each party acknowledges that the purchase price reflects the allocation of risk expressed herein. Prices are exclusive of all taxes now in force or enacted in the future and, therefore, are subject to an increase equal in amount to any tax TI may be required to collect or pay upon the sale or delivery of any Products or on this transaction.

3. TITLE; DELIVERY; INSPECTION

Products shall be delivered F.O.B. TI's point of shipment. Title to Equipment and liability for loss or damage to the Products shall pass to Buyer upon TI's tender of the Products to a carrier for shipment to Buyer. Title to Programs is governed by paragraph 5.C. Buyer shall bear all transportation and Buyer-requested insurance expenses including any associated taxes, duties or documentation. TI may deliver the Products in installments. Shipping dates are approximate only and TI shall not be liable for any loss or expense (consequential or otherwise) incurred by Buyer or Buyer's customers if TI fails to meet the specified delivery schedule. Shipments will be freight collect unless otherwise specified.

All provisions of this Paragraph 3 apply to both domestic and international shipments except that title to Equipment shipped outside the U.S. shall pass at the point of destination; liability for loss or damage and all expenses associated with Products shipped outside the U.S. shall continue to be the responsibility of the Buyer. Notwithstanding any other provisions of this Paragraph 3 to the contrary, title to Equipment sold to international subsidiaries of TI shall pass at the point of destination, and TI shall be liable for loss or damage to the Products until receipt by Buyer at point of destination.

Buyer shall have a reasonable time, not to exceed five (5) working days, from date of receipt to inspect the Products. Buyer will notify TI in writing of particular deficiencies of the Products during the inspection period. Failure to give notice or particularize the deficiencies will result in Buyer's acceptance of the Products.

4. DEFERMENTS AND CANCELLATIONS

Buyer may defer or cancel shipments of TI Price List Products by providing advance written notice and paying TI any applicable charges as set forth in the Price List for such Products or in a signed quantity purchase agreement between the parties.

For TI non-price list Products: (i) Buyer shall have no deferment rights; and, (ii) Buyer shall be liable for cancellation charges which shall include a price adjustment based on the quantity of Products actually delivered and all costs direct or indirect, incurred and committed prior to this contract together with a reasonable allowance for prorated expenses and profits.

5. SOFTWARE PROGRAM LICENSE

Programs obtained from TI shall be subject to the following terms and conditions:

A. Subject to the provisions of Paragraph 5.B. below, Buyer is granted the right to use, modify and copy the Programs where allowed in the Price List.

B. When used in this Paragraph and in the Price List the terms described below shall have the following meaning:

Use: Where the program package contains a separate license agreement, the right to use is determined by that agreement. Otherwise, use means a non-transferable and non-exclusive license to use the Programs on a single central processing unit ("CPU") to be identified by letter if the host CPU is not purchased from TI.

Programs that may be copied are identified in the Price List. Copies in whatever form must reproduce the copyright notices or other notices that are contained in the software code and on the media label. In the event that Buyer wishes to use Programs on a CPU other than that listed above, TI will grant Buyer a license upon the same terms and conditions contained in this Paragraph upon payment to TI of the applicable fees (if any) stated in the Price List and notice to TI describing the additional CPU by manufacturer, model and serial number.

Modify: The right of Buyer to develop other programs which include any portion of a Program in any identifiable form.

C. Title to each of the Programs will at all times remain with the owner of the Programs. Buyer has no right to distribute, transfer or otherwise make available the Programs (or modified versions) or copies thereof in whole or in part to anyone.

Where software support is provided by TI, it will be as described in the Price List and such support will be available hereunder only to Buyer. Otherwise, software support, if any, will be provided by the party identified in the Price List or in a separate end user license agreement contained in the program package.

EXCEPT FOR THE EXPRESS WARRANTIES STATED IN THIS AGREEMENT, AND ITS TERMS AND CONDITIONS JOINTLY AND SEVERALLY DISCLAIM ALL OTHER CONDITIONS AND WARRANTIES, WHETHER EXPRESS OR IMPLIED, WITH REGARD TO THE PROGRAMS LICENSED HEREUNDER, INCLUDING ALL IMPLIED CONDITIONS OR WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. In no event will TI or its licensors be liable for any damages or losses arising from performance or non-performance of the Programs or for any lost profits or other economic losses or consequential damages, even if either of them have been advised of the possibility of such damages, or of any claim against Buyer by any other party, except as provided in Paragraph 11 below. Remedies, damages and limitations are fully specified in Paragraphs 7, 9, and 10 below where the word "TI" is deemed to mean both Texas Instruments Incorporated and its licensors.

The Buyer's rights under this Paragraph will automatically terminate upon any breach or default by Buyer in the performance of this contract, or in the event that there is filed by or against Buyer any petition in bankruptcy or reorganization, or if Buyer attempts to assign this contract for the benefit of creditors.

The above license does not cover those programs listed in TI's Price List as requiring a separate Program License Agreement.

6. TERMS AND METHOD OF PAYMENT

Terms of payment shall be net thirty (30) days from date of invoice subject to initial and continuing credit approval. All amounts are payable to TI at the address shown on the invoice. On noncredit sales, shipment shall be, at TI's election, either cash with order, or other noncommercial means. All collection costs shall be borne by Buyer.

If the Products are delivered in installments, Buyer shall pay for each installment in accordance with the terms hereof unless Buyer's purchase order specified "no partial shipment." Payment shall be made for the Products without regard to whether Buyer has made or may make any inspection of the Products. Products held for Buyer are at Buyer's sole risk and expense.

7. CONTINGENCIES AND EQUIPMENT

TI is not liable, either wholly or in part, for non-performance or a delay in performance due to force majeure or contingencies or causes beyond the reasonable control of TI or TI's suppliers. Production and deliveries may be allocated by TI if such happenings occur.

Material, tools, dies, and other property furnished by Buyer shall be at Buyer's risk and expense. TI may modify the specifications of Products designed by TI provided that the modifications will not materially affect the performance of the Products.

8. WARRANTY

THE FOLLOWING WARRANTIES FOR PRODUCTS ARE IN LIEU OF ALL CONDITIONS OR WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED CONDITIONS OR WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND OF ANY OTHER WARRANTY OBLIGATION ON THE PART OF TI.

TI warrants that at the time of delivery TI has title to the Equipment free and clear of any and all liens and encumbrances, has the right to distribute Programs, and has the right to grant the licenses provided herein. TI warrants the Equipment (other than expendable items such as fuses, light bulbs, etc.) against faulty workmanship or the use of defective materials for the periods set forth in the Price List; such warranties are granted only in the United States. TI, EXCEPT AS OTHERWISE HEREIN: ABOVE PROVIDED, MAKES NO WARRANTY FOR THE PROGRAMS (INCLUDING THOSE WHICH ARE ROM RESIDENT), WHICH ARE PROVIDED SOLELY ON AN "AS-IS" BASIS. Buyer's remedies and TI's liability with respect to this warranty are only those set forth in Paragraph 9 below.

Continued use or possession of the Equipment after expiration of the applicable warranty period shall be conclusive evidence that the warranty is fulfilled to the full satisfaction of Buyer, unless Buyer has previously notified TI of a breach of warranty. TI's warranties as set forth above are the only warranties made by TI and shall not be enlarged, diminished or affected by, and no obligation or liability shall arise or grow out of, TI's rendering of technical, programming, or other advice or service in connection with the Products.

9. REMEDIES AND DAMAGES

TI'S SOLE AND EXCLUSIVE MAXIMUM LIABILITY AND BUYER'S SOLE AND EXCLUSIVE REMEDY under the warranty contained in Paragraph 8 above shall be, at TI's option, to repair, replace (with new or functionally operative parts) or credit Buyer's account for the defective Equipment part during the applicable warranty period and, although no warranty is given for Programs, to replace or credit Buyer's account for any Programs which are returned by Buyer during the 90-day period following shipment by TI. Replacement of defective Equipment parts by TI is based on an assembly or board replacement basis. However, TI at its option, may replace entire units. Service labor required to replace defective Equipment parts will be free of charge for a period set forth in the Price List provided the labor is performed during the hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (excluding holidays of TI), either (a) on-site at a point located not more than 100 miles from the TI Service Office designated by TI to maintain each unit of Equipment ("TI Service Office"); or, (b) at a TI central repair depot for those items of Equipment designated in the Price List as requiring central depot repair. Buyer will pay TI's Standard Service Rates for travel time, transportation and subsistence expenses where on-site service is performed during the applicable warranty period outside of the 100 mile area. If preferred, in lieu of on-site service, Buyer may return Equipment to the nearest designated TI Service Office or to any TI central repair depot for warranty repair with shipment both ways and in-transit loss or damage at Buyer's risk and expense. Defective Equipment parts returned to Buyer by TI for repair service during the applicable warranty period that are not in the original shipping container will be re-packed by TI at Buyer's expense. Buyer agrees to pay for all service expenses not covered by this warranty at TI's then-current Standard Service Rates. These remedies are made on condition that: (i) TI is promptly notified in writing upon discovery by Buyer that such Equipment failed to conform to this contract or such Programs contained coding errors, with a detailed explanation of any alleged deficiencies or errors; (ii) Buyer certifies that he has destroyed all copies of returned Programs; and (iii) TI's examination of such Products discloses that such alleged deficiencies or errors actually exist and were not caused by accident, fire or other hazard, misuse, neglect, alteration, improper testing, storage, installation or attempts to repair; any cause beyond the range of normal usage, use of supplies not meeting TI specifications or Buyer's failure to timely perform the preventive maintenance defined in the appropriate TI Operations Manual or those of its vendors. If TI elects to repair or replace the Products, TI shall have a reasonable time to do so.

All such remedies are available only in the United States. Such repair, replacement, correction or credit shall constitute fulfillment of all liability of TI to Buyer whether based in contract, tort or otherwise.

If TI breaches any provisions of this contract, TI'S SOLE AND EXCLUSIVE MAXIMUM LIABILITY AND BUYER'S SOLE AND EXCLUSIVE REMEDY under the warranty contained in Paragraph 8 above shall be, at TI's option, to repair, replace (with new or functionally operative parts) or credit Buyer's account for the defective Equipment part during the applicable warranty period and, although no warranty is given for Programs, to replace or credit Buyer's account for any Programs which are returned by Buyer during the 90-day period following shipment by TI. Replacement of defective Equipment parts by TI is based on an assembly or board replacement basis. However, TI at its option, may replace entire units. Service labor required to replace defective Equipment parts will be free of charge for a period set forth in the Price List provided the labor is performed during the hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (excluding holidays of TI), either (a) on-site at a point located not more than 100 miles from the TI Service Office designated by TI to maintain each unit of Equipment ("TI Service Office"); or, (b) at a TI central repair depot for those items of Equipment designated in the Price List as requiring central depot repair. Buyer will pay TI's Standard Service Rates for travel time, transportation and subsistence expenses where on-site service is performed during the applicable warranty period outside of the 100 mile area. If preferred, in lieu of on-site service, Buyer may return Equipment to the nearest designated TI Service Office or to any TI central repair depot for warranty repair with shipment both ways and in-transit loss or damage at Buyer's risk and expense. Defective Equipment parts returned to Buyer by TI for repair service during the applicable warranty period that are not in the original shipping container will be re-packed by TI at Buyer's expense. Buyer agrees to pay for all service expenses not covered by this warranty at TI's then-current Standard Service Rates. These remedies are made on condition that: (i) TI is promptly notified in writing upon discovery by Buyer that such Equipment failed to conform to this contract or such Programs contained coding errors, with a detailed explanation of any alleged deficiencies or errors; (ii) Buyer certifies that he has destroyed all copies of returned Programs; and (iii) TI's examination of such Products discloses that such alleged deficiencies or errors actually exist and were not caused by accident, fire or other hazard, misuse, neglect, alteration, improper testing, storage, installation or attempts to repair; any cause beyond the range of normal usage, use of supplies not meeting TI specifications or Buyer's failure to timely perform the preventive maintenance defined in the appropriate TI Operations Manual or those of its vendors. If TI elects to repair or replace the Products, TI shall have a reasonable time to do so.

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All such remedies are available only in the United States. Such repair, replacement, correction or credit shall constitute fulfillment of all liability of TI to Buyer whether based in contract, tort or otherwise.

10. DISCLAIMER OF ECONOMIC LOSSES AND CONSEQUENTIAL DAMAGES

IN NO EVENT SHALL TI BE LIABLE TO ANYONE FOR SPECIAL, COLLATERAL, EXEMPLARY, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OR LOSSES WHETHER SUCH DAMAGES OCCUR EITHER PRIOR OR SUBSEQUENT TO, OR ARE ALLEGED AS A RESULT OF, TORTIOUS CONDUCT OR BREACH OF WARRANTY, OR BREACH OF ANY OF THE PROVISIONS OF THIS CONTRACT EVEN IF TI HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. SUCH EXCLUDED DAMAGES AND LOSSES INCLUDE, BUT ARE NOT LIMITED TO, COST OF REMOVAL AND REINSTALLATION OF PRODUCTS OR ITEMS, OUTSIDE COMPUTER TIME, LABOR COSTS, LOSS OF GOODWILL, LOSS OF PROFITS, LOSS OF SAVINGS, LOSS OF USE OR INTERRUPTION OF BUSINESS, OR OTHER DIRECT OR CONSEQUENTIAL ECONOMIC LOSS.

11. PATENT & COPYRIGHT INDEMNIFICATION

TI will defend at its expense any action brought against Buyer to the extent that it is based on a claim that any Product manufactured, developed and supplied by TI to Buyer hereunder is alleged to constitute direct infringement of any duly issued United States patent or infringement of any copyright in the United States. TI will pay all damages and costs finally awarded against Buyer in such action which are attributable to such action, provided that TI is promptly informed in writing and furnished a copy of each communication, notice or other action relating to the alleged infringement and is given authority, information and assistance (at TI's expense) necessary to defend or settle such claim. Should the Products delivered by TI hereunder become, or in TI's opinion be likely to become, the subject of a claim of infringement of any United States patent or any copyright in the United States, then TI may at its option: (i) procure for the Buyer the right to use such Products free of any liability for infringement; or (ii) replace such Products with non-infringing substitutes otherwise complying substantially with all the requirements of this contract; or (iii) refund the purchase price less a reasonable charge for use, and accept the return of such Products. TI will not be obligated to defend, or be liable for costs and damages, if the infringement arises out of compliance with the Buyer's specification, or from a combination with, or an addition to, products not manufactured and developed by TI, or a modification of the Products after delivery by TI, or the use of such Products in the practice of a process.

If the infringement by the Buyer is alleged prior to completion of delivery of the Products under this contract, TI may decline to make further shipments without being in breach of this contract, and, provided TI has not been enjoined from selling the Products to Buyer, TI agrees to supply such Products to Buyer at Buyer's option, in which case the indemnity obligations stated in this Paragraph 11 with respect to TI shall reciprocally apply with respect to Buyer.

If any action is brought against TI based on a claim that the Products manufactured or developed by TI in compliance with the Buyer's specifications and supplied to Buyer directly infringe any duly-issued United States patent or copyright in the United States, then the indemnity obligations stated in this Paragraph 11 with respect to TI shall reciprocally apply with respect to Buyer.

The sale by TI of Products under this contract does not grant to or convey or confer upon Buyer or Buyer's customers, or upon anyone claiming under Buyer, a license express or implied by estoppel or otherwise, under any patent rights or any other proprietary rights of TI covering or relating to any combination, machine or process in which said Products might be or are used.

THE FOREGOING STATES THE SOLE AND EXCLUSIVE LIABILITY OF THE PARTIES HERETO FOR PATENT AND COPYRIGHT INFRINGEMENT AND IS IN LIEU OF ALL CONDITIONS OR WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, IN REGARD THERETO.

12. NONWAIVER OF DEFAULT

Each shipment made hereunder shall be considered a separate transaction. In the event of any default by Buyer, TI may decline to make further shipments. If TI elects to continue to make shipments, TI's actions shall not constitute a waiver of any default by Buyer or in any way affect TI's legal remedies for any such default.

13. APPLICABLE LAW

The validity, performance and construction of this contract shall be governed by the laws of the State of Texas for contracts made and to be performed in the State of Texas.

14. U.S. GOVERNMENT CONTRACTS AND NON-STANDARD PRODUCTS

For purchases of TI Products, no U.S. Government Procurement regulations will apply to the performance hereunder without a separate definitive agreement signed by both parties, and neither TI's order acknowledgment form nor performance of the parties shall be deemed to imply otherwise.

For purchases of TI non-price list Products, no contract shall exist until the terms and conditions are mutually agreed to by the parties on a separate definitive agreement signed by both parties, and neither TI's order acknowledgment form nor performance of the parties shall be deemed to imply otherwise.

15. ASSIGNMENTS AND SEVERABILITY

This contract shall not be assigned or transferred by Buyer without the prior written consent of TI. Any attempted assignment or transfer of any of the rights, duties or obligations of this contract without the prior consent of TI shall be void. If consent is given, this contract shall be binding upon and inure to the benefit of the assigns.

If any provision of this contract is held invalid, the other provisions shall not be affected.

16. LEGAL COMPLIANCE

The Products covered by this Agreement may be subject to export restriction by the U.S. Government. Prior to exportation, Buyer agrees to obtain any licenses which may be required under the applicable laws of the U.S., including the Export Administration Act and Regulations.

Buyer acknowledges that Equipment sold hereunder is intended to be used only in a business, commercial, or industrial environment, and that additional requirements such as but not limited to FCC regulations governing the amount of electromagnetic interference which may be generated or radiated by the Equipment, or other Federal, State, or local regulations, may be applicable if the Equipment is used in a residential or consumer environment.

17. MODIFICATION

THIS CONTRACT CONSTITUTES A FINAL WRITTEN EXPRESSION OF ALL THE TERMS OF THE AGREEMENT BETWEEN THE PARTIES, AND IS A COMPLETE AND EXCLUSIVE STATEMENT OF THOSE TERMS. IT SUPERSEDES ALL UNDERSTANDINGS AND NEGOTIATIONS CONCERNING THE MATTERS SPECIFIED HEREIN, ANY REPRESENTATIONS, ORAL STATEMENTS, PROMISES OR WARRANTIES, AND ANY OTHER AGREEMENTS, UNLESS MADE IN ANY WAY FROM THE TERMS OF THIS CONTRACT SHALL BE GIVEN NO FORCE OR EFFECT. TI AND BUYER SPECIFICALLY REPRESENT, EACH TO THE OTHER, THAT THERE ARE NO ADDITIONAL OR SUPPLEMENTAL AGREEMENTS BETWEEN THEM RELATED IN ANY WAY TO THE PRODUCTS OR THE USE OR SERVICE THEREOF. UNLESS COPIES OF THE SAME ARE PRESENTLY ATTACHED HERETO AND MADE A PART HEREOF, NO ADDITION TO OR MODIFICATION OF ANY PROVISION OF THE CONTRACT SHALL BE BINDING UPON TI UNLESS MADE IN WRITING AND SIGNED BY A DULY-AUTHORIZED REPRESENTATIVE OF TI LOCATED AT TI'S TEXAS HOME OFFICE. NO COURSE OF DEALING OR USAGE OF TRADE OR COURSE OF PERFORMANCE SHALL BE RELEVANT TO EXPLAIN OR SUPPLEMENT ANY TERM EXPRESSED IN THIS CONTRACT.

MAINTENANCE

THE TERMS AND CONDITIONS APPLICABLE TO MAINTENANCE OF TI'S EQUIPMENT ARE THOSE STATED IN TI'S APPLICABLE MAINTENANCE SERVICE AGREEMENT AND NOT THOSE STATED ABOVE.

LEASES

THE TERMS AND CONDITIONS APPLICABLE TO THE LEASE OF TI'S EQUIPMENT ARE THOSE STATED IN TI'S APPLICABLE LEASE AGREEMENT AND NOT THOSE STATED ABOVE.

TI EXPRESS CATALOG ORDER FORM

DATE: / / PURCHASE ORDER NO. _____

CUSTOMER QUANTITY PURCHASE AGREEMENT NO. _____

CUSTOMER CONTACT: _____

MAIL ORDER TO

Texas Instruments Incorporated
Data Systems Group
P.O. Box 1444 M/S 7722
Houston, Texas 77251
Attn: TI Express Customer Service

TELEPHONE NUMBER: () EXT: _____

SPECIAL INSTRUCTIONS: ☐ NO PARTIAL SHIPMENT ☐ INTRANSIT INSURANCE
☐ OPEN ACCOUNT ☐ CHECK/M.O.

TELEPHONE ORDERS:

U.S. 800-847-2787

TAXABLE ☐ YES

TAX BOND OR EXEMPT NO. (IF APPLICABLE) _____

☐ NO

☐ SPECIAL SHIPPING

VIA _____

BILLING ADDRESS

COMPANY: _____

DEPT./ATTN: _____

STREET: _____

CITY: _____

STATE: _____

SHIPPING ADDRESS: ☐ SAME

COMPANY: _____

DEPT./ATTN: _____

STREET: _____

CITY: _____

STATE: _____

ORDER ITEM NO.	TI EXPRESS PART NO.	DESCRIPTION	QUANTITY	UNIT PRICE	DISCOUNT	TOTAL AMOUNT
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						

**MERCHANDISE
TOTAL**

TAX

SHIP-INS.

TOTAL

METHOD OF PAYMENT

☐ VISA ☐ MASTERCARD ☐ AMERICAN EXPRESS

CARD
NUMBER

EXPIRATION DATE: / /

BY EXECUTING THIS ORDER, I ACKNOWLEDGE THAT I HAVE READ, UNDERSTOOD AND
ACCEPT THE TERMS AND CONDITIONS STATED IN THE CATALOG.

X

AUTHORIZED SIGNATURE

DATE

TI EXPRESS STANDARD TERMS AND CONDITIONS

ANY TERM, CONDITION AND/OR PROVISION ("TERMS") OF BUYER'S ORDER WHICH IS IN ANY WAY INCONSISTENT WITH OR IN ADDITION TO THESE TERMS SHALL NOT BE APPLICABLE HERETO OR BINDING UPON TEXAS INSTRUMENTS INCORPORATED ("TI"). IF BUYER OBJECTS TO ANY TERMS HEREIN, SUCH OBJECTION MUST BE IN WRITING AND RECEIVED BY TI AT TI'S TEXAS HOME OFFICE PRIOR TO COMMENCEMENT OF PERFORMANCE BY TI. RETENTION BY BUYER OF ANY PRODUCTS DELIVERED BY TI HEREUNDER SHALL BE CONCLUSIVELY DEEMED ACCEPTANCE OF THE TERMS HEREOF. TI'S FAILURE TO OBJECT TO TERMS CONTAINED IN ANY COMMUNICATION FROM BUYER WILL NOT BE A WAIVER OF THE TERMS HEREOF.

1. DEFINITIONS

As used in these Standard Terms and Conditions of Sale the following terms shall mean:

- A. Equipment - the item(s) of hardware delivered hereunder, including spare and repair parts thereof.
- B. Programs - Software, in whatever form (including that which is ROM-resident), subsequent revisions, improvements or updates thereto, and listings, manuals, logic diagrams, flow charts, and data tables.
- C. Products - includes both Equipment and Programs.
- D. Price List - TI's then-current applicable price list.

2. PRICES

The prices shall be TI's standard prices which are in effect at the time TI accepts Buyer's order. Each party acknowledges that the purchase price reflects the allocation of risk expressed herein. Prices are exclusive of all taxes now in force or enacted in the future and, therefore, are subject to an increase equal in amount to any tax TI may be required to collect or pay upon the sale or delivery of any Products or on this transaction.

3. TITLE; DELIVERY; INSPECTION

Products shall be delivered F.O.B. TI's point of shipment. Title to Equipment and liability for loss or damage to the Products shall pass to Buyer upon TI's tender of the Products to a carrier for shipment to Buyer. Title to Programs is governed by paragraph 5.C. Buyer shall bear all transportation and Buyer-requested insurance expenses including any associated taxes, duties or documentation. TI may deliver the Products in installments. Shipping dates are approximate only and TI shall not be liable for any loss or expense (consequential or otherwise) incurred by Buyer or Buyer's customers if TI fails to meet the specified delivery schedule. Shippers will be freight collect unless otherwise specified.

All provisions of this Paragraph 3 apply to both domestic and international shipments except that title to Equipment shipped outside the U.S. shall pass at the point of destination; liability for loss or damage and all expenses associated with Products shipped outside the U.S. shall continue to be the responsibility of the Buyer. Notwithstanding any other provisions of this Paragraph 3 to the contrary, title to Equipment sold to international subsidiaries of TI shall pass at the point of destination, and TI shall be liable for loss or damage to the Products until receipt by Buyer at point of destination.

Buyer shall have a reasonable time, not to exceed five (5) working days, from date of receipt to inspect the Products. Buyer will notify TI in writing of particular deficiencies of the Products during the inspection period. Failure to give notice or particularize the deficiencies will result in Buyer's acceptance of the Products.

4. DEFERMENTS AND CANCELLATIONS

Buyer may defer or cancel shipments of TI Price List Products by providing advance written notice and paying TI any applicable charges as set forth in the Price List for such Products or in a signed quantity purchase agreement between the parties.

For TI non-price list Products: (i) Buyer shall have no deferment rights; and, (ii) Buyer shall be liable for cancellation charges which shall include a price adjustment based on the quantity of Products actually delivered and all costs direct or indirect, incurred and committed for this contract together with a reasonable allowance for prorated expenses and profits.

5. SOFTWARE PROGRAM LICENSE

Programs obtained from TI shall be subject to the following terms and conditions:

- A. Subject to the provisions of Paragraph 5.B. below, Buyer is granted the right to use, modify and copy the Programs where allowed in the Price List.
- B. When used in this Paragraph and in the Price List the terms described below shall have the following meaning:

Use: Where the program package contains a separate license agreement, the right to use is determined by that agreement. Otherwise, use means a non-transferable and non-exclusive license to use the Programs on a single central processing unit ("CPU") to be identified by letter if the host CPU is not purchased from TI.

Programs that may be copied are identified in the Price List. Copies in whatever form must reproduce the copyright notices or other notices that are contained in the software code and on the media label. In the event that Buyer wishes to use Programs on a CPU other than that listed above, TI will grant Buyer a license upon the same terms and conditions contained in this Paragraph upon payment to TI of the applicable fees (if any) stated in the Price List and notice to TI describing the additional CPU by manufacturer, model and serial number.

Modify: The right of Buyer to develop other programs which include any portion of a Program in any identifiable form.

- C. Title to each of the Programs will at all times remain with the owner of the Programs. Buyer has no right to distribute, transfer or otherwise make available the Programs (or modified versions) or copies thereof in whole or in part to anyone.

Where software support is provided by TI, it will be as described in the Price List and such support will be available hereunder only to Buyer. Otherwise, software support, if any, will be provided by the party identified in the Price List or in a separate end user license agreement contained in the program package.

EXCEPT FOR THE EXPRESS WARRANTIES STATED IN THIS AGREEMENT, TI AND ITS LICENSORS JOINTLY AND SEVERALLY DISCLAIM ALL OTHER CONDITIONS AND WARRANTIES, WHETHER EXPRESS OR IMPLIED, WITH REGARD TO THE PROGRAMS LICENSED HEREUNDER, INCLUDING ALL IMPLIED CONDITIONS OR WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. In no event will TI or its licensors be liable for any damages or losses arising from performance or non-performance of the Programs or for any lost profits or other economic losses or consequential damages, even if either of them have been advised of the possibility of such damages, or of any claim against Buyer by any other party, except as provided in Paragraph 11 below. Remedies, damages and limitations are fully specified in Paragraphs 7, 9, and 10 below where the word "TI" is deemed to mean both Texas Instruments Incorporated and its licensors.

The Buyer's rights under this Paragraph will automatically terminate upon any breach or default by Buyer in the performance of this contract, or in the event that there is filed by or against Buyer any petition in bankruptcy or reorganization, or if Buyer attempts to assign this contract for the benefit of creditors.

The above license does not cover those programs listed in TI's Price List as requiring a separate Program License Agreement.

6. TERMS AND METHOD OF PAYMENT

Terms of payment shall be net thirty (30) days from date of invoice subject to initial and continuing credit approval. All amounts are payable to TI at the address shown on the invoice. On noncredit sales, shipment shall be, at TI's election, either cash with order, or other normal commercial means. All collection costs shall be borne by Buyer.

If the Products are delivered in installments, Buyer shall pay for each installment in accordance with the terms hereof unless Buyer's purchase order specified "no partial shipment." Payment shall be made for the Products without regard to whether Buyer has made or may make any inspection of the Products. Products held for Buyer are at Buyer's sole risk and expense.

7. CONTINGENCIES AND EQUIPMENT

TI is not liable, either wholly or in part, for non-performance or a delay in performance due to force majeure or contingencies or causes beyond the reasonable control of TI or TI's suppliers. Production and deliveries may be allocated by TI if such happenings occur.

Material, tools, dies, and other property furnished by Buyer shall be at Buyer's risk and expense. TI may modify the specifications of Products designed by TI provided that the modifications will not materially affect the performance of the Products.

8. WARRANTY

THE FOLLOWING WARRANTIES FOR PRODUCTS ARE IN LIEU OF ALL CONDITIONS OR WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED CONDITIONS OR WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND OF ANY OTHER WARRANTY OBLIGATION ON THE PART OF TI.

TI warrants that at the time of delivery TI has title to the Equipment free and clear of any and all liens and encumbrances, has the right to distribute Programs, and has the right to grant the licenses provided herein. TI warrants the Equipment (other than expendable items such as fuses, light bulbs, etc.) against faulty workmanship or the use of defective materials for the periods set forth in the Price List; such warranties are granted only in the United States. TI, EXCEPT AS OTHERWISE HEREIN-ABOVE PROVIDED, MAKES NO WARRANTY FOR THE PROGRAMS (INCLUDING THOSE WHICH ARE ROM RESIDENT), WHICH ARE PROVIDED SOLELY ON AN "AS-IS" BASIS. Buyer's remedies are limited to those set forth in this warranty. The warranties are only those set forth in Paragraph 9 below.

Continued use or possession of the Equipment after expiration of the applicable warranty period shall be conclusive evidence that the warranty is fulfilled to the full satisfaction of Buyer, unless Buyer has previously notified TI of a breach of warranty.

TI's warranties as set forth above are the only warranties made by TI and shall not be enlarged, diminished or affected by, and no obligation or liability shall arise or grow out of, TI's rendering of technical, programming, or other advice or service in connection with the Products.

9. REMEDIES AND DAMAGES

TI'S SOLE AND EXCLUSIVE MAXIMUM LIABILITY AND BUYER'S SOLE AND EXCLUSIVE REMEDY under the warranty contained in Paragraph 8 above shall be, at TI's option, to repair, replace (with new or functionally equivalent parts) or credit Buyer's account for any defective Equipment parts during the applicable warranty period and, although no warranty is given for Programs, to replace or credit Buyer's account for any Programs which are returned by Buyer during the 90-day period following shipment by TI. Replacement of defective Equipment parts by TI is based on an assembly or board replacement concept. However, TI at its option, may replace entire units. Service labor required to replace defective Equipment parts will be free of charge for a period set forth in the Price List provided the labor is performed during the hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (excluding holidays of TI), either (a) on-site at a point located not more than 100 miles from the TI Service Office designated by TI to maintain each item of Equipment ("TI Service Office"); or, (b) at a TI central repair depot for those items of Equipment designated in the Price List as requiring central depot repair. Buyer will pay TI's Standard Service Rates for travel time, transportation and subsistence expenses where on-site service is performed during such warranty period outside of the 100 mile area. If preferred, in lieu of on-site service, Buyer may return Equipment to the nearest designated TI Service Office or to any TI central repair depot for warranty repair with shipment both ways and in-transit loss or damage at Buyer's risk and expense. Defective Equipment parts returned by Buyer to TI for repair service during the applicable warranty period that are not in the original shipping container will be replaced by TI at Buyer's expense. Buyer agrees to pay for all service expenses not covered by this warranty at TI's then-current Standard Service Rates. These remedies are made on condition that: (i) TI is promptly notified in writing upon discovery by Buyer that such Equipment failed to conform to, this contract or such Programs contained coding errors, with a detailed explanation of any alleged deficiencies or errors, (ii) Buyer certifies that he has destroyed all copies of returned Programs, and (iii) TI's examination of such Products discloses that such alleged deficiencies or errors actually exist and were not caused by accident, fire or other hazard, misuse, neglect, alteration, improper testing, storage, installation or attempts to repair; any cause beyond the range of normal usage, use of supplies not meeting TI specifications or Buyer's failure to timely perform the preventive maintenance defined in the appropriate TI Operations Manual or of its vendors. If TI elects to repair or replace the Products, TI shall have a reasonable time to do so. All such remedies are available only in the United States. Such repair, replacement, correction or credit shall constitute fulfillment of all liability of TI to Buyer whether based in contract, tort or otherwise.

If TI breaches any provisions of this contract, TI'S SOLE AND EXCLUSIVE MAXIMUM LIABILITY AND BUYER'S SOLE AND EXCLUSIVE REMEDY whether based in contract, warranty, tort or otherwise, shall not in any event, except as expressly provided herein, exceed the contract price for the particular item of Products involved.

Actions, however asserted, shall be commenced within one year from the date the cause of action accrues; provided, however, an action for nonpayment may be commenced at any time within four years from the date the cause of action for nonpayment accrues.

10. DISCLAIMER OF ECONOMIC LOSSES AND CONSEQUENTIAL DAMAGES

IN NO EVENT SHALL TI BE LIABLE TO ANYONE FOR SPECIAL, COLLATERAL, EXEMPLARY, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OR LOSSES WHETHER SUCH DAMAGES OCCUR EITHER PRIOR OR SUBSEQUENT TO, OR ARE ALLEGED AS A RESULT OF, TORTIOUS CONDUCT OR BREACH OF WARRANTY OR BREACH OF ANY OF THE PROVISIONS OF THIS CONTRACT EVEN IF TI HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. SUCH EXCLUDED DAMAGES AND LOSSES INCLUDE, BUT ARE NOT LIMITED TO, COST OF REMOVAL AND REINSTALLATION OF PRODUCTS OR ITEMS, OUTSIDE COMPUTER TIME, LABOR COSTS, LOSS OF GOODWILL, LOSS OF PROFITS, LOSS OF SAVINGS, LOSS OF USE OR INTERRUPTION OF BUSINESS, OR OTHER DIRECT OR CONSEQUENTIAL ECONOMIC LOSS.

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TI will defend at its expense any action brought against Buyer to the extent that it is based on a claim that any Product manufactured, developed and supplied by TI to Buyer hereunder is alleged to constitute direct infringement of any duly issued United States patent or infringement of any copyright in the United States. TI will pay all damages and costs finally awarded against Buyer in such action which are attributable to such action, provided that TI is promptly informed in writing and furnished a copy of each communication, notice or other action relating to the alleged infringement and is given authority, information and assistance (at TI's expense) necessary to defend or settle such claim. Should the Products delivered by TI hereunder become, or in TI's opinion be likely to become, the subject of a claim of infringement of any United States patent or any copyright in the United States, then TI may at its option: (i) procure for the Buyer the right to use such Products free of any liability for infringement; or (ii) replace such Products with non-infringing substitutes otherwise complying substantially with all the requirements of this contract; or (iii) refund the purchase price less a reasonable charge for use, and accept the return of such Products. TI will not be obligated to defend, or be liable for costs and damages, if the infringement arises out of compliance with the Buyer's specification, or from a combination with, or an addition to, products not manufactured and developed by TI, or a modification of the Products after delivery by TI, or the use of such Products in the practice of a process.

If the infringement by the Buyer is alleged prior to completion of delivery of the Products under this contract, TI may decline to make further shipments without being in breach of this contract, and, provided TI has not been enjoined from selling the Products to Buyer, TI agrees to supply such Products to Buyer at Buyer's option, in which case the indemnity obligations stated in this Paragraph 11 with respect to TI shall reciprocally apply with respect to Buyer.

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The sale by TI of Products under this contract does not grant to or convey or confer upon Buyer or Buyer's customers, or upon anyone claiming under Buyer, a license express or implied by estoppel or otherwise, under any patent rights or any other proprietary rights of TI covering or relating to any combination, machine or process in which said Products might be or are used. THE FOREGOING STATES THE SOLE AND EXCLUSIVE LIABILITY OF THE PARTIES HERETO FOR PATENT AND COPYRIGHT INFRINGEMENT AND IS IN LIEU OF ALL CONDITIONS OR WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, IN REGARD THERETO.

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Buyer acknowledges that Equipment sold hereunder is intended to be used only in a business, commercial, or industrial environment, and that additional requirements such as but not limited to FCC regulations governing the amount of electromagnetic interference which may be generated or radiated by the Equipment, or other Federal, State, or local regulations, may be applicable if the Equipment is used in a residential or consumer environment.

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MAINTENANCE

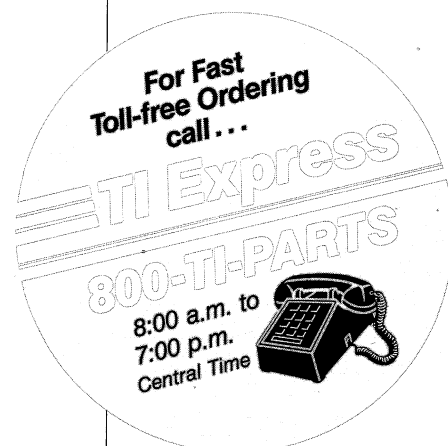
THE TERMS AND CONDITIONS APPLICABLE TO MAINTENANCE OF TI'S EQUIPMENT ARE THOSE STATED IN TI'S APPLICABLE MAINTENANCE SERVICE AGREEMENT AND NOT THOSE STATED ABOVE.

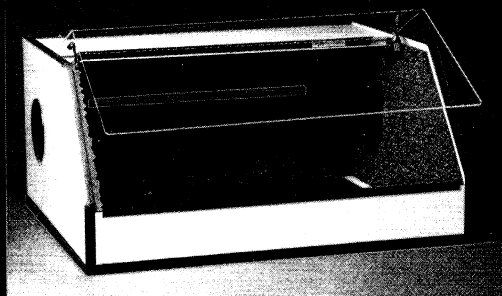
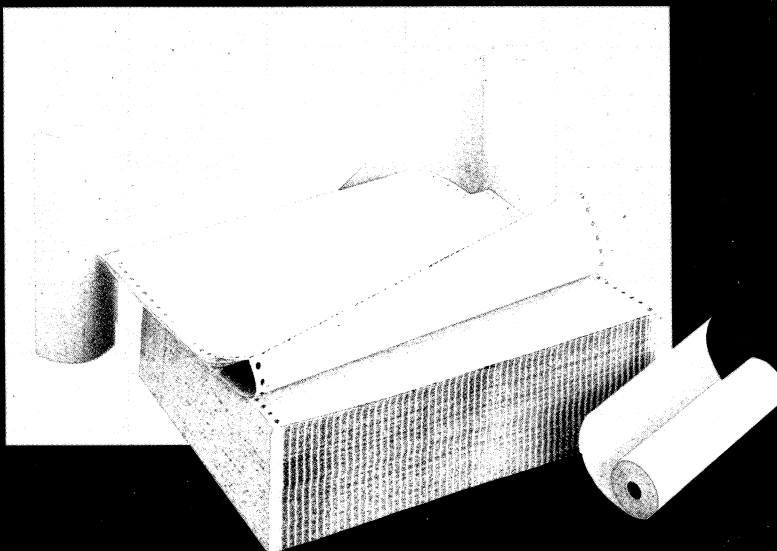
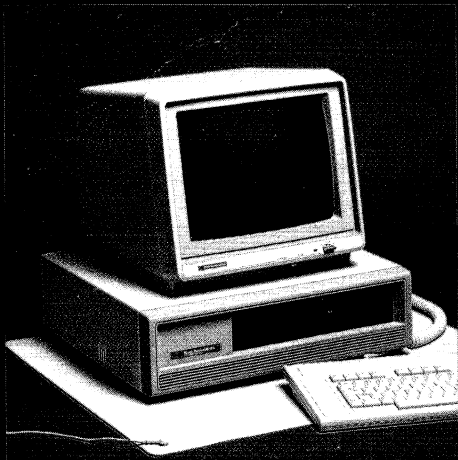
LEASES

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