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IBM 4694 POINT OF SALE TERMINAL MODEL 001

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[Announcement Letter Number 193-150 dated June 1, 1993](#)

[US - Last Revised on June 1, 1993](#)

Brief Description of Announcement, Charges, and Availability.

The IBM 4694 Point of Sale (POS) Terminal is a new POS controller/terminal for customers who want basic function and a smaller footprint.

The 4694 consists of a single model that can be tailored via features to deliver a variety of controller, terminal, or controller/terminal configurations. The 4694 provides an open hardware platform with an Industry Standard Architecture (ISA) bus, and a 25-MHz 80386SX microprocessor. Standard with every system unit are 2MB of random access memory (RAM), 32KB of non-volatile RAM, a 1.4MB floppy disk drive, 10 ports for various input/output (I/O) devices, a built-in Ethernet network interface adapter, and two full-size ISA expansion slots. Available system unit upgrades include options for a hard disk drive, video graphics array (VGA) function, Personal Computer Memory Card International Association (PCMCIA) capability, and expandable RAM to 16MB on the planar. All of these options can be added to the system unit and still leave both expansion slots free to be used with up to two full-size ISA-compatible feature cards.

In addition to the basic PC function provided by the system unit, the 4694 can attach a limited number of I/O devices designed for the retail environment and provide basic POS function. Offered with the hardware, the 4694's POSS/DOS feature provides drivers that

enable the POS I/O for a DOS environment. The 4694's I/O devices are modular. This allows configurations to be either partially integrated or distributed, based on the installation requirements. The 4694 uses the same I/O announced for use with the IBM 4693 Point of Sale Terminal. However, as a basic-function solution, the 4694 will operate with a smaller number of I/O than the higher-function 4693.

The 4694's open platform is designed to facilitate the use of original equipment manufacturer (OEM) as well as IBM features and attachments. Most of today's PC marketplace is compatible with the ISA format. IBM will provide components that can be used to complete solutions for the majority of our customers. However, with its two RS-232 ports and ISA bus, the 4694 allows customers to utilize non-IBM I/O and feature cards. While not supported by IBM, these hybrid solutions may provide a better fit for the specialized needs of some customers.

The 4694 is included in Category A of the Volume Discount Exhibit for IBM Store Systems Products (SSP).

Planned Availability Date: July 23, 1993, with the following exceptions:

- o September 24, 1993, for
 - National language support (NLS) publications
 - I/O Integration Kit (feature code 3375)
- o December 17, 1993, for
 - Color Video Display -- Distributed (feature code 3914)
 - Color Video Display -- Integrated (feature code 3910).

IN BRIEF . . .

- o Industry standard design
 - Investment protection
 - Industry Standard Architecture
 - Variety of choices
 - Standard microprocessor and components
 - Basic POS and PC function
- o Small footprint

- Designed for small checkstand environment
- Flexibility to accommodate a variety of environments
- o Modular input/output devices
 - Integrated configurations
 - Distributed configurations

Customer Letter Section

DESCRIPTION

INDUSTRY STANDARD DESIGN

The 4694 was designed to utilize industry standard hardware to enable a basic-function platform. Several examples of this include the 4694's use of the Industry Standard Architecture (ISA) bus, the 80386SX microprocessor, Ethernet 10Base-T standard on the base unit, and four PC ports in addition to the six ports for retail I/O.

INVESTMENT PROTECTION: The 4694 hardware platform was designed with industry standard components while still providing IBM quality. Its ISA bus provides compatibility with current and future ISA-compatible cards. This ideally positions the 4694 to take advantage of the large selection of basic-function feature cards that are available in this format.

VARIETY OF CHOICES: The large number of ISA-compatible feature cards provides customers with more choices. Many customers want greater freedom to pick and choose from a variety of available OEM options. They value this freedom and control. The ISA format provides them this value.

STANDARD MICROPROCESSOR AND LAN: Like the ISA bus, the 80386SX microprocessor and the Ethernet 10Base-T local area network (LAN) are widely used standards in the PC industry. The more universal the standard is, the more flexibility provided to the customer. More applications and connectivity options are available for the most popular standards.

BASIC POS AND PC FUNCTION: The 4694 provides 10 I/O ports. A PC

keyboard port, a mouse port, and two RS-232 ports provide flexibility to operate a variety of PC I/O devices. Four RS-485 ports and two cash drawer ports allow the 4694 to connect a variety of POS devices designed specifically for the retail environment. Additional options provide flexibility for additional POS or PC function.

SMALL FOOTPRINT

Physically, the 4694 is substantially narrower than 4683, 4684, and 4693 terminals. This will make it more attractive in some environments, but the reduced footprint does place limitations on the 4694's ability to integrate. The 4694 design is such that in all configurations, at least one module must be distributed.

SMALL CHECKSTAND ENVIRONMENT: The 4694 system unit is 37 percent narrower than either the 4683 or the 4684. With a distributed cash drawer and a non-video environment that utilizes a Retail POS Keyboard, the system unit becomes the base on which the keyboard, printer, and display can integrate. The result is a clean looking, integrated terminal (cash drawer not inclusive) that is ideal for small checkstand environments.

DISTRIBUTED CONFIGURATIONS: The footprint of distributed configurations is a function of how the selected input/output devices are placed in the particular checkstand.

TRADITIONAL RETAIL ENVIRONMENTS: For environments where video and/or large keyboards are required, the system unit can be distributed instead of the cash drawer. In this configuration, an optional kit can be utilized to integrate all of the input/output devices onto the cash drawer as the base. The result in this case is a clean looking, integrated terminal (system unit not inclusive) that is suited for checkstand environments less sensitive to footprint. While larger than the small checkstand configuration, this configuration is 10 percent narrower than either the 4683 or the 4684.

NOTE: This configuration requires the I/O Integration Kit feature (feature code 3375) which will not be generally available until September 24, 1993.

MODULAR INPUT/OUTPUT DEVICES

The 4694 was designed to extend still more flexibility in its use of IBM's retail I/O devices. The I/O line has been completely refreshed with a new look and the added functionality of improved modularity. This allows customers to configure solutions that are integrated, distributed, or somewhere in between. In all cases, the result is a clean solution that functions as though it was designed specifically for that customer's chosen configuration.

INTEGRATED CONFIGURATIONS: The input/output devices are designed to integrate with either the system unit or an optional kit that allows the I/O to be integrated with the cash drawer. In both of these configurations, the I/O fit together to create an integrated cluster of the I/O most important to that customer's store environment.

Either the cash drawer, the system unit, or both, are distributed.

DISTRIBUTED CONFIGURATIONS: Through the I/O's unique design, the customer's flexibility is extended to provide the capability to fully distribute any and all I/O. This provides the capability to custom tailor the 4694 environment to suit virtually any checkstand environment by distributing the desired I/O to work with even the most restrictive space environments.

OPEN ENTERPRISE

- o Hardware Bus Architecture
 - Industry Standard Architecture (ISA)
 - Personal Computer Memory Card International Association (PCMCIA) standard
- o Disk Operating System Version 5.02

PRODUCT POSITIONING

The 4694 Point of Sale Terminal is designed for customers wanting basic POS and PC function on an open architecture platform. Based on this requirement, the 4694 is offered as IBM's basic POS hardware solution.

Primary segments that will be served by various 4694 solutions are:

- o Specialty
- o General/mass merchandise

- o Grocery/supermarket
- o Gas/convenience.

If you are focused on maximum performance or growth, the 4694 is probably not the appropriate solution. Solutions built using IBM's performance POS hardware solution, the 4693 Point of Sale Terminal, will better meet the needs of customers interested in function such as 80486 and higher processing speeds, communications that exploit the Micro Channel (R) architecture, advanced graphics, programmable power, and memory retention.

The 4694 offers price advantages over the 4683 and 4684 as well as several functional advantages. In addition to the RS-232 ports and the built-in Ethernet communications, the 4694 operates in a DOS environment, and offers pluggable memory up to 16MB. Options such as video, a hard disk drive, and PCMCIA are all supported as well without the need to utilize either of the 4694's two available ISA expansion slots. However, like the 4693, both the 4683 and the 4684 support a larger number of input/output devices than does the 4694. For those environments where such support is not necessary, the 4694 provides a lower priced hardware platform for basic POS solutions.

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PUBLICATIONS

A PRODUCT SAFETY MANUAL will be shipped with the product. All other publications will be shipped only if specifically ordered. Only one publication per store is recommended. Publications will be available at product general availability in English. Translated User's Guides will be available on September 24, 1993.

TITLE	PART NUMBER
IBM 4694 Point of Sale Terminal:	
User's Guide, English	59G8716
IBM 4694 Point of Sale Terminal:	
User's Guide, French	59G8722
IBM 4694 Point of Sale Terminal:	

User's Guide, German	59G8723
IBM 4694 Point of Sale Terminal:	
User's Guide, Spanish	59G8724
IBM 4694 Point of Sale Terminal:	
User's Guide, Italian	59G8725
IBM 4694 Point of Sale Terminal:	
User's Guide, Chinese	59G8726
IBM 4694 Point of Sale Terminal:	
User's Guide, Korean	59G8728
IBM 4694 Point of Sale Terminal:	
User's Guide, Brazil/Portuguese	59G8729
4694 System Diskette (Utilities, Config.)	59G8733
4693/4694 POS Terminal Product Safety Information	60G1330
IBM POS Subsystem/DOS Hardware (Drivers Diskette and Programmer's Guide)	73G0945
IBM 4693/4694 Supplemental Driver Diskette (LAN, PCMCIA)	59G8737

The following publications are available immediately. To order, contact your IBM representative.

TITLE	ORDER NUMBER
4694 Brochure	G520-6101
4694 Specification Sheet	G221-3683

The System Library Subscription Service (SLSS) is available by order number only. Customers currently subscribing to SLSS will receive publication updates automatically.

EDUCATION SUPPORT

Education classes will be available. Current classes will be updated to reflect the new products. To enroll call 800-IBM-TEACH.

TECHNICAL INFORMATION

SPECIFIED OPERATING ENVIRONMENT

PHYSICAL SPECIFICATIONS:

Width: 312 mm (12.3 inches).

Depth: 475 mm (18.7 inches).

Height: 95 mm (3.7 inches).

Weight: 7.3 kg (16 pounds).

OPERATING ENVIRONMENT:

Temperature: +10 (degs) to 40 (degs) C (50 (degs) to 104 (degs) F).

Relative Humidity: 8% to 80%.

Wet Bulb: 27 (degs) C.

Electrical Power: 0.23 KVA (160 W).

Particulate: Class P1.

Noise Level: Class 3.

MACHINE REQUIREMENTS: The 4694 can be utilized as a controller, a controller/terminal, or simply a terminal. In either configuration, the 4694 requires one system unit, one keyboard, and one system display (minimum) to be operational.

When used as a terminal, the 4694 can be attached to the following controllers: PS/2 (R), AS/400 (R), or RISC System/6000 (R).

SYSTEM UNIT

The system unit comes standard with the following:

- o Intel 80386SX 25-megahertz microprocessor.
- o One of two available power supplies. High or low AC input voltage versions are available (110 or 220 V AC). Both systems generate 38 V output.
- o Two megabytes (MB) of random access memory (RAM) installed via two 1MB single inline memory modules (SIMMs) in two of the four memory sockets.
- o One 1.4MB, 3.5-inch floppy disk drive (FDD).
- o Connectors to attach up to 10 input/output (I/O) devices.
 - Four RS-485 ports to attach POS I/O
 - Two cash drawer ports
 - One PS/2 keyboard port
 - One mouse port
 - Two RS-232 (serial) ports.
- o Integrated Ethernet 10Base-T LAN capability. No added network

interface card is required. The Ethernet protocol implemented conforms to the International Standard ISO/IEC 8802-3 ANSI/IEEE Standard 802.3, Third Edition, 1992-03-20.

NOTE: System unit must attach to additional hardware NOT included in order to make the LAN operational:

- Cabling
 - 10Base-T Ethernet uses unshielded twisted pair (UTP) cabling. Cabling to be installed by customer per EIA/TIA Standard -- Commercial Building Telecommunications Wiring Standard EIA/TIA-568, July 1991; American National Standard, ANSI/EIA/TIA-568-1991.
- Hub or repeater
 - A hub or repeater is required.

- o Two full-size expansion slots for ISA-compatible feature cards.
- o One 10Base-T LAN cable (14' -- RJ-45 telephone module plugs on both ends)
- o One country-specific power cord.
- o Product safety messages as required.
- o License to use POSS/DOS drivers with this system unit.

Additionally, the following system unit features are available:

- o One factory or field installable 80MB hard disk drive (HDD) or one factory or field installable 160MB HDD.
- o One factory or field installable video graphics adapter (VGA) card.
- o One field installable PCMCIA feature card that provides capability to install up to two PCMCIA-compatible cards.
- o One field installable 2MB memory expansion feature. This feature provides two additional 1MB SIMMs in order to upgrade the system unit memory to a total of 4MB RAM.
- o Up to two field installable 8MB expansion features. This feature provides two 4MB SIMMs. One or two of these features can be installed to upgrade the system unit memory to a total of 8MB (one feature installed) or 16MB RAM (two features installed).

Installation of this feature requires removal of the 1MB SIMMs shipped with the system unit.

- o None of the above features consumes either of the two ISA expansion slots.
- o System diskettes and translated User's Guide (see Publications; English only until after September 24, 1994).
- o POSS/DOS and 4693/4694 Supplemental Driver Diskettes.
- o Diagnostic diskettes are not available as a feature but can be ordered (part number 59G8741).

System units require one of the 80 or 160MB HDD features to function as either a controller or a controller/terminal. Terminals may be configured without an HDD. All other features may be used with any of the three 4694 configurations: controller, controller/terminal, or terminal only.

KEYBOARDS

Controller/terminal and terminal configurations require one of the following retail point of sale keyboards. All of these retail keyboards include keybutton assemblies and keyswitches designed specifically for the demanding retail environment. The keybuttons are designed to provide consistent tactile feel for millions of keystrokes and the keyswitch technology used is dustproof and spill-resistant. The POS keybuttons are all reconfigurable and re-legendable. The keyboards themselves are modular so they can be used in distributed or integrated environments with the 4694. They all include a two-position keylock and four retail indicator lights.

- o Retail Point of Sale Keyboard

The customer can arrange the keyboard in a variety of layouts. The 38 POS keys are programmable and re-legendable via the clear keytops. They can be reconfigured for double-size keys as well. The key numeric pad can be configured in a "calculator" or "telephone" pad layout.

- o Retail Point of Sale Keyboard with Card Reader

This keyboard provides all of the functions described above plus an integrated, bidirectional, three-track card reader.

Integrated at the top of the keyboard, the card reader is designed for ergonomic use in either right-handed or left-handed operation. The three-track function gives it compatibility with the most common credit authorization formats worldwide.

o Retail Point of Sale Keyboard with Card Reader and Display

This keyboard provides all of the functions described above plus an integrated two line by twenty character (2x20) liquid crystal display (LCD) for the operator's use. The display is easily adjusted for best viewing angle.

o Retail Alphanumeric POS Keyboard with Card Reader

This keyboard combines two functions within one keyboard. The left side of the keyboard is laid out with a PS/2 keyboard type alphanumeric section. The right side is laid out with a POS keyboard section with the same programmable, reconfigurable, re-legendable keybutton design offered on the previously described POS keyboards. The numeric pad can be modified for either a "telephone" or "calculator" layout. This keyboard also has an ergonomically designed, integrated three-track card reader located at the top of the keyboard, and a total of seven indicator lights.

o Modifiable Layout Keyboard

This keyboard is a large matrix of 120 re-legendable and reconfigurable POS keys. It is designed to give the customer ultimate flexibility to configure the keyboard. An integrated three-track card reader is also included.

The following PS/2 keyboard can be used in addition to or instead of one of the above keyboards.

o Enhanced Alphanumeric Keyboard

This 101-key keyboard is ideal for controller configurations. Key location enhancements and mode indicators improve keyboard useability for administrative type operations. Offers commonly used data and word processing functions along with separate typewriter and numeric keypads.

DISPLAYS

- o 40 Character Vacuum Florescent Display
Provides a 40-character operator/customer display consisting of two rows of 20 characters each. Displays both alpha and numeric data. Display can be rotated side to side, and tilted up or down for best viewing. A variety of display post sizes are available for adjusting the height as well.
- o Shopper Display
Provides a display with one row of eight numeric characters and six function indicators for shopper viewing. Display can be rotated and swiveled for optimum viewing as well.
- o Monochrome Video Display
Provides a nine-inch monochrome display that supports a variety of program-controlled character formats (25 lines by 80 characters, 16 by 60, or 12 by 40). A variety of features are available for integrated and distributed configurations with tilt/swivel function.
- o Color Display
Provides a nine-inch color display with the same capabilities and features offered with the monochrome display.

OTHER I/O

- o Printers
All existing 4683 printers except the Model 1 (feature code 3800) are supported by the 4694. The Model 2 printer (feature code 6400) can also be shipped with the 4694.
The new Model 4 printer (feature code 4800) improves upon the high-function Model 3 printer with the addition of easily understandable user interfaces. The paper advance buttons are now triangular. The tip of the triangle indicates the direction the paper will move when the button is pushed. The station affected is clearly indicated by the addition of a molded line in the top cover that runs between the bottom of the triangle buttons and the appropriate station.
- o Cash Drawers
The cash drawer provides quick and easy front service

instead of the more traditional top cover removal service. This is accomplished by easily pulling the cash drawer forward and out of the slides. The cash drawer mechanism is then fully accessible for repairs. Additionally, the document storage space under the till has been increased and coin roll storage has been included in the back of the drawer.

- o Scanners

All IBM scanners except the 3687 Model 2 and the 4683 Magnetic Wand Reader (feature code 4016) are supported by the 4694. An adapter cable is needed to attach any existing flat-bed scanner to the 4694. This adapter cable is available as a feature on the existing flat-bed scanners.

PROGRAMMING REQUIREMENTS: Required device drivers will depend on the I/O devices selected for use with the 4694 system unit, and on the selected operating system environment.

- o DOS Environment

IBM DOS 5.02 or later is required for devices attached only to the two asynch ports (RS-232) or various ISA feature card options installed in either of the two expansion slots provided. IBM DOS 5.02 or later and POSS/DOS drivers are required for devices attached to any of the four RS-485 ports, or the two cash drawer ports.

- o Retail Industry Programming Support Services

IBM Retail Industry Programming Support Services (RIPSS) Version 4.01 will provide 4694 support.

PLANNING INFORMATION

CUSTOMER RESPONSIBILITIES: The customer is responsible for the unpacking and setup of the system components in accordance with the customer setup instructions provided.

The 4694 is essentially an IBM PC packaged for the retail environment. As a customer setup machine, its installation is similar to that of an IBM PC. A screwdriver will be required to install or remove feature cards as well as to remove the field replaceable units (FRUs).

Shipped with each machine will be an "Open Me First" box that contains:

- o Power cord (country specific)
- o Product safety messages as required
- o A 10Base-T LAN cable (14' -- RJ-45 telephone module plugs on both ends).

User's Guide(s), publications, and diskettes will be shipped only as requested.

The customer is responsible for placing legends in the key tops and for keyboard customization.

The customer is responsible for ordering one 4694 shipment group per store.

CABLE ORDERS: Line or power cords will automatically be shipped (country specific) based on the default associated with the country order, or the override option.

INSTALLABILITY: Installation time will range from less than half an hour to two hours. Actual time will depend on the number of features to be installed and the experience of the installer.

PROBLEM DETERMINATION: The system has been designed so that the letters "OK" appear on every display device at the successful conclusion of the power-on system test and before either the floppy or the hard file is initially read. Keyboards will give three quick beeps. Printers will print a test pattern. The presence of this signal will indicate successful completion of the following:

- o Planar card self test
- o Direct access storage device (DASD) test
- o Input/output device and cable integrity test.

The presence of the OK, beep, or test pattern indicates that the hardware is functional and should cover nearly all system unit failures without requiring any diagnostic to be loaded.

SUPPLIES:

For End Users:

Lexmark International, Inc., manufactures and markets IBM supplies. For information about products or services, call Lexmark

at 800-458-2468.

Supplies can be purchased from Lexmark Authorized Supplies Dealers or directly from Lexmark by calling 800-438-2468.

FAX orders may be sent to 800-522-3422.

Mail orders may be sent to:

Lexmark International, Inc.

1221 Alverser Drive

Midlothian, VA 23113

For Lexmark Authorized Remarketers:

Supplies can be purchased from Lexmark International by calling 800-292-5885.

FAX orders may be sent to 800-232-9539.

Mail orders may be sent to:

Lexmark International, Inc.

Lexmark Order Management Center

P.O. Box 11427

Lexington, KY 40575-1427

SECURITY, AUDITABILITY AND CONTROL

User management is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

TERMS AND CONDITIONS

VOLUME DISCOUNT: Volume purchasing is available under the Volume Discounts section of the IBM Customer Agreement.

The announced product is included in Category A of the Volume Discount Exhibit for IBM Store Systems Products (SSP). Customers with existing volume discount commitments in Category A of the exhibit may order the announced product as additional quantities to, or as direct substitutes for, any other machines in the same category subject to availability.

For further information regarding volume orders, contact your IBM representative.

IBM CREDIT CORPORATION FINANCING: Term leases and installment

payment plans are available for commercial and state and local government customers.

CUSTOMER FULFILLMENT OPTION APPLIES: Yes.

WARRANTY PERIOD: One year.

WARRANTY SERVICE: IBM On-Site Repair (IOR).

MAINTENANCE SERVICE: IOR.

IBM HOURLY SERVICE RATE CLASSIFICATION: One. IBM warranty service, maintenance service, or hourly service may be obtained by calling 800-IBM-SERV. IBM hourly service is available at the applicable rate and terms, including element exchange price if applicable.

MID-RANGE SYSTEM OPTION: This product is an eligible machine for the Mid-Range System Option of the IBM Customer Agreement. A revised exhibit will be available at a later date.

DISCOUNT

ELIGIBLE TYPE	THREE-YEAR	FIVE-YEAR
4694	20%	25%

CORPORATE SERVICE OPTION: This product is an eligible machine for the Corporate Service Option of the IBM Customer Agreement. A revised exhibit will be available at a later date.

DISCOUNT

	THREE-YEAR	FIVE-YEAR
Network	30%	35%

EXTENDED MAINTENANCE OPTION: This product is not eligible for the Extended Maintenance Option under the IBM Customer Agreement. A revised exhibit will be available at a later date.

CENTRAL FACILITY MAINTENANCE SERVICE OPTION: This product is an eligible machine for the Central Facility Maintenance Service Option of the IBM Customer Agreement. A revised exhibit will be available at a later date.

The minimum number of machines required to be at the central facility before requesting maintenance service is six. The Additional Maintenance Charge Factor is currently 0.5 hours. The terms and conditions are stated in the Attachment for Central

Facility Maintenance Service Option.

PRODUCT AVAILABILITY STATUS: New product available.

FIELD-INSTALLABLE FEATURES/MODEL CONVERSIONS: Yes.

CUSTOMER SETUP: Yes.

LICENSED INTERNAL CODE: No.

EDUCATIONAL ALLOWANCE: None.

CHARGES

PRODUCT CHARGES

NOTE: Last column designates "P" for plant, "F" for field, or "B" for both.

DESCRIPTION	MACH TYPE	MODEL/ FEATURE NUMBER	PART NUMBER	PURCHASE PRICE	
Base System Unit	4694	001		\$1,500	P
Base System Unit -- Supermarket	4694	S01		1,500	B
Power Supply (120-127 V)		2900		NC	P
Components/Bulk Order		0123		NC	B
80MB Hard Disk Drive		8661	59G8661	495	B
160MB Hard Disk Drive		8662	59G8662	795	B
Video Graphics Adapter Daughter Card		8663	59G8663	100	B
2MB Expansion MES/CRU Feature	4694	4652	59G8658	157	B
8MB Expansion MES/CRU Feature	4694	4658	59G8659	695	B
PCMCIA MES/CRU Feature	4694	8660	59G8660	250	B
KEYBOARDS					
Retail POS Keyboard		3315	92F6310	300	B
Retail POS Keyboard w/ Card Reader		3320	92F6320	390	B
Retail POS Keyboard w/ Card		6300	92F6330	550	B

Modifiable Layout Keyboard	3323	92F6290	645	B
Enhanced Alphanumeric Kybrd	3990	1393990	211	B
Retail POS Keyboard Cable				
-- Integrated	3325	59G9146	14	B
Retail POS Keyboard Cable				
-- Distributed	3326	6316857	42	B
Distributed PS/2 ANPOS				
Attach Cable	3329	25F6342	55	B
Integrated PS/2 ANPOS				
Attach Cable	3328	25F6341	45	B
PS/2 Keyboard Cable	4721	1394721	23	B
Retail Numeric Keybutton Kit	3330	92F6263	7	B
Blank Legend Sheet --				
Modifiable Layout Keyboard	9400	60G1391	NC	B
Retail ANPOS Keyboard w/ Card Reader				
US English	3324	92F6271	625	B
Spanish	3206	92F6272	625	B
Brazilian/Portuguese	3200	92F6278	625	B
Canadian/French	3201	92F6273	625	B
UK English	3202	92F6275	625	B
Legend Sheet -- Retail POS Keyboard				
Canadian/French	9435	60G1304	NC	B
Spanish	9431	60G1307	NC	B
Brazilian/Portuguese	9438	60G1308	NC	B
US English	9450	60G1301	NC	B
UK English	9427	60G1302	NC	B
Legend Sheet -- Retail PS Keyboard w/ Card Reader & Display				
UK English	9427	60G1362	NC	B
Spanish	9431	60G1367	NC	B
Canadian/French	9435	60G1364	NC	B
Brazil	9438	60G1368	NC	B
US English	9450	60G1301	NC	B
Legend Sheets -- Retail ANPOS Keyboard w/				

Card Reader					
UK English		9427	60G1382	NC	B
Spanish		9431	60G1387	NC	B
Canadian/French		9435	60G1384	NC	B
Braz/Portuguese		9438	60G1388	NC	B
US English		9450	60G1381	NC	B
			MODEL/		P
	MACH	FEATURE	PART	PURCHASE	F
DESCRIPTION	TYPE	NUMBER	NUMBER	PRICE	B
Legend Sheet -- Modifiable Layout Keyboard					
UK English		9427	60G1392	NC	B
Spanish		9431	60G1397	NC	B
Canadian/French		9435	60G1394	NC	B
Brazil		9438	60G1398	NC	B
US English		9450	60G1381	NC	B
CASH DRAWERS					
Cash Drawer Assembly		3360	74F6297	\$206	B
Flip Top Cash Drawer		3362	76X0200	470	B
Fixed Till		3879	4783879	27	B
Adjustable Till		1092	4783880	36	B
Locking Till Cover		6718	6316718	18	B
Distributed Cash Drawer					
Cable		3365	6316832	29	B
Integrated Cash Drawer					
Cable		3364	6316831	10	B
OEM Cash Drawer Cable		3466	63X4997	45	B
I/O Integration Kit		3375	73G0925	50	B
PRINTERS					
Model 2 Printer		6400	25F6400	827	B
Model 4 Printer		4800	93F0463	995	B
Model 2 Integrated					
Printer Kit		3384	6428961	50	B
Model 2 Distributed Printer					
Kit		3385	6428966	78	B

Model 4 Integrated Printer					
Cable	4920	93F0533	30	B	
Model 4 Distributed Printer					
Cable	4922	93F0534	55	B	
Model 4 Printer					
Ribbon/Paper Kit		93F0473	36	B	
DISPLAYS					
40 Character Vacuum					
Fluorescent Display	3343	93F1090	410	B	
Integrated Cable Assembly	3344	6316834	11	B	
Distributed Cable Assembly	3345	73G0935	47	B	
40 Character Vacuum					
Fluorescent Short Post	3347	93F1110	3	B	
40 Character Vacuum					
Fluorescent Post Extension	3348	93F1111	8	B	
Shopper Display	3339	93F1100	233	B	
Shopper Display Distributed					
Cable Assembly	3342	63X5030	52	B	
Monochrome Video Display -- Distributed					
Low Voltage	3904	60G1321	448	B	
High Voltage	3904	60G1322	448	B	
Monitor Tilt/Swivel Stand --					
Distributed	7429	85X7418	25	B	
Monochrome Video Display --					
Integrated					
Low Voltage	3900	59G9110	494	B	
High Voltage	3900	59G9111	494	B	
Color Video Display --					
Distributed					
Northern Hemisphere					
100-127 V	3914	73G1233	909	B	
Color Video Display --					
Integrated					
Northern Hemisphere					

DESCRIPTION	MACH TYPE	FEATURE NUMBER	PART NUMBER	PURCHASE PRICE	
100-127 V		3910	60G1421	890	B
		MODEL/			P
					F
					B
TERMINAL CONTROLLER COMMUNICATIONS FEATURES					
Token Ring Adapter, 4Mbps		4790	25F9858	\$285	B
Token Ring Adapter, 16/4					
Mbps		5120	03F0215	565	B
Token Ring Cable		3390	6339098	36	B
SCANNERS					
Hand Held Bar Code Rdr II		4501	83X8985	645	B
Publications and Diskettes					
User's Guide, System					
Diskettes -- English		2950		NC	B
User's Guide, System					
Diskettes -- Canadian French		2935		NC	B
User's Guide, System					
Diskettes -- French		2928		NC	B
User's Guide, System					
Diskettes -- German		2929		NC	B
User's Guide, System					
Diskettes -- Spanish		2931		NC	B
User's Guide, System					
Diskettes -- Italian		2932		NC	B
User's Guide, System					
Diskettes -- Chinese		2973		NC	B
User's Guide, System					
Diskettes -- Korean		2972		NC	B
User's Guide, System					
Diskettes -- Brazil/Port.		2938		NC	B
POSS/DOS Device Drivers		4940		100	B

LINE CORDS

NOTE: One of the following MUST be on each order.

120 V Line Cord					
.8 M Non-Locking	9509	695229X	NC	B	
120 V Line Cord					
4.3 M Non-Locking	9510	6952296	NC	B	
120 V Line Cord					
1.8 M Non-Locking	9511	6952298	NC	B	
120 V Line Cord					
4.3 M Locking	9512	7842130	NC	B	
120 V Line Cord					
1.8 M Locking	9513	7842128	NC	B	
120 V Line Cord					
2.8 M Non-Locking	9514	6952297	NC	B	
LOCKS					
Hardware Kit	9521	4783922	NC	B	
Standard Lock -- Cash Drawer, Keyboard, Printer Plug, Non-Operational					
Lock	9200	4783923	NC	B	
Standard Lock	9202	33G3352	NC	B	
Standard Lock	9203	33G3353	NC	B	
Standard Lock	9204	33G3354	NC	B	
Standard Lock	9205	33G3355	NC	B	
Standard Lock	9206	33G3356	NC	B	
Standard Lock	9207	33G3357	NC	B	
Standard Lock	9208	33G3358	NC	B	
Standard Lock	9209	33G3359	NC	B	
Standard Lock	9210	33G3360	NC	B	
Standard Lock	9211	33G3361	NC	B	
		MODEL/			P
	MACH	FEATURE	PART	PURCHASE	F
DESCRIPTION	TYPE	NUMBER	NUMBER	PRICE	B
Optional Lock -- Cash Drawer Only					
Optional Lock	3350	60G1400	\$11	B	
Optional Lock	3351	60G1401	11	B	

Optional Lock	3352	60G1402	11	B
Optional Lock	3353	60G1403	11	B
Optional Lock	3354	60G1404	11	B
Optional Lock	3355	60G1405	11	B
Optional Lock	3356	60G1406	11	B
Optional Lock	3357	60G1407	11	B
Optional Lock	3358	60G1408	11	B
Optional Lock	3359	60G1409	11	B

PUBLICATION CHARGES

Title	Order Number	Charge
IBM 4694 Point of Sale Terminal		
User's Guide -- English	SA27-4005	\$ 30.00
IBM POS Subsystem/DOS		
Driver Diskette, and		
Programmer's Guide	SBOF-4842	100.00
POSS/DOS Programmer's Guide	SC30-3621	85.00
POSS/DOS Driver Diskette	SX27-3936	15.00
4693/4694 Supplemental Driver		
Diskette	SX27-3934	15.00
4694 System Diskette	SX27-3932	15.00
4694 Service Diskette	SX27-3933	199.00
Hardware Service Manual for		
POS I/O	SY27-0339	15.00
4683/4684/4693/4694 POS		
Terminals Parts Catalog	S131-0097	5.00

ALTERNATIVE AND MAINTENANCE SERVICE CHARGES

ANNUAL MINIMUM MAINTENANCE CHARGES:

Description	Mach	Model/ Feat	IBM	Central
			On-Site Repair	Facility Maint
	Type	Number	(IOR)	(CFMS)
Base System Unit	4694	001	\$181	\$166
Base System Unit	4694	S01	284	261

-- Supermarket				
80MB Hard Disk Drive		8661	112	103
160MB Hard Disk Drive		8662	185	170
Keyboards				
Retail POS Keyboard		3315	17	15
Retail POS Keyboard				
w/ Card Reader		3320	28	25
Retail POS Keyboard w/				
Card Reader & Display		6300	33	30
Modifiable Layout Keyboard		3323	47	43
Enhanced Alphanumeric				
Keyboard		3990	NC	NC
Retail ANPOS Keyboard				
w/ Card Reader				
US English		3324	43	39
Spanish		3206	43	39
Brazilian/Portuguese		3200	43	39
Canadian/French		3201	43	39
UK English		3202	43	39
Cash Drawers				
Cash Drawer Assembly		3360	27	24
Flip Top Cash Drawer		3362	60	55
Printers				
Model 2 Printer		6400	160	147
Model 4 Printer		4800	156	143
				Central
			IBM	Facility
		Model/	On-Site	Maint
	Mach	Feat	Repair	Service
Description	Type	Number	(IOR)	(CFMS)
Displays				
40 Character Vacuum		3343	\$19	\$17
Fluorescent Display				
Shopper Display		3339	17	15

Monochrome Video Display

-- Distributed

Low Voltage	3904	30	27
High Voltage	3904	30	27

Monochrome Video

Display --Integrated

Low Voltage	3900	30	27
High Voltage	3900	30	27

Color Video Display

-- Distributed

Northern Hemisphere

100-127 V	3914	70	64
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Color Video Display

-- Integrated

Northern Hemisphere

100-127 V	3910	70	64
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Scanners

Hand Held Bar Code Rdr II	4501	30	27
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SPECIFY FEATURE CODES: The following charges apply to features ordered for field installation:

FEATURE	DESCRIPTION	PURCHASE PRICE
9509	Line Cord, 0.8 M Non-Locking	\$10
9510	Line Cord, 4.3 M Non-Locking	10
9511	Line Cord, 1.8 M Non-Locking	10
9512	Line Cord, 4.3 M Locking	10
9513	Line Cord, 1.8 M Locking	10
9514	Line Cord, 2.8 M Non-Locking	10

9200	Plug, Non-Operating Lock	7
9202	Lock	8
9203	Lock	8
9204	Lock	8
9205	Lock	8
9206	Lock	8
9207	Lock	8
9208	Lock	8
9209	Lock	8
9210	Lock	8

(CORRECTED ON JULY 21, 1993) Corrections have been made in the Charges section.

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