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- [IBM 4693 POS Terminal Model 741 and IBM 4694 POS Terminal Model 144](#)

April 26, 1995

Announcement Number: 195-119

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(Corrected on May 11, 1995) The Software Requirements section has been revised.

[Abstract](#)

In Brief . . .

[IBM 4693 POS Terminal Model 741](#)

- [486 processor support](#)
- [Up to 64MB memory pluggable on the system board](#)

32-bit addressing

32-bit local bus video

Upgradeable socketed processor

2.5-inch 360 and 540MB IDE hard drive support

SVGA video support with 1MB DRAM

Support for a new low-cost LCD/touch adapter to attach the Retail LCD Flat Panel and Touch Display products

IBM 4694 POS Terminal Model 144

486 processor in large footprint 4694

SVGA video with 1MB DRAM for increased video resolution/color

Up to 64MB pluggable memory on the system board

32-bit addressing

32-bit local bus video

Upgradeable socketed processor

3.5-inch 540MB IDE hard drive support

If you need combined processor performance, upgradeability, larger data storage capacities and system expandability, IBM's two new powerful 4693 and 4694 point-of-sale (POS) terminals are a good solution.

The 4693 Model 741 and the 4694 Model 144 POS terminals are designed specifically to meet the growing needs of retailers as they begin to exploit the capabilities of 32-bit operating systems.

These new models are well suited for use as a controller or a controller/terminal. They have the following enhanced functions:

32-bit addressing

- 32-bit local bus video

- Upgradeable socketed processor

- Memory expansion capacity to 64MB

- SVGA video with 1MB of DRAM for increased video resolution/color

IBM 4693 POS Terminal Model 741

The advanced capabilities of the 4693 POS Model 741 continue to exploit Micro Channel(R) architecture along with the following enhanced functions:

- 2.5-inch 360 & 540MB IDE hard drive support

- POS LCD adapter to provide low-cost LCD attachment

- 541 model upgrade support

Popular features, such as RS-232 ports, PC ports, video support and front access remain standard on the Model 741. Memory, terminal -- controller communication and operating system support are still selectable. The 4693 also offers DOS (IBM POSS for DOS), OS/2(R) (IBM POSS for OS/2) and 4690 OS support.

This new model continues to maintain many of the attributes of the 4693 family with programmable power, next sequential instruction, 4690 OS support, support for a majority of the 468X input/output devices and co-existence on the same loop with 468X terminals.

IBM 4694 POS Terminal Model 144

The IBM 4694 POS Terminal Model 144 supports the ISA bus architecture and provides 3.5-inch 540MB IDE hard drive support. This new model of the 4694 POS Terminal also maintains many of the attributes of the 4694 Model 044.

Planned Availability Dates:

- May 5, 1995

IBM 4694 POS Terminal Model 144

IBM 4694 POS Model 1S4. (Model 1S4 is the supermarket version of Model 144.)

May 26, 1995

IBM 4693 POS Terminal Model 741

IBM 4693 POS Model 7S1. (Model 7S1 is the supermarket version of Model 741.)

June 30, 1995

IBM 4694 Model 004, 024, 041, and 044 feature 8797, 540MB Hard Drive

IBM 4694 Model S04, S41, and S44 feature 8797, 540MB Hard Drive

(R) Registered trademark of International Business Machines Corporation

DESCRIPTION**IBM 4693 POS Terminal Model 741**

Description	Machine	Model	Feature	Part Number
Base unit	4693	741		
Base unit	4693	7S1		
Point-of-sale LCD Adapter			3932	92G7917
360MB hard drive			5336	73G1159
540MB hard drive			5354	73G1169

Single IDE hard file cable	5340	73G1224
Dual IDE hard file cable	5341	73G1226

IBM 4694 POS Terminal Model 144

Base unit	4694	144
Base unit	4694	1S4
4MB memory SIMM		4655
8MB memory SIMM		4659
540MB hard drive		8797

Note: Order 4693 and 4694 Machine Elements using feature codes. For a complete list of features orderable on the 4693 new models 741 and 7S1 and on 4694 new models 144 and 1S4, see the Charges Section.

4694 Models 004, S04, 041, S41, 044, S44 and 024

540MB hard drive	4694	004,S04 8797
		044,S44
		041,S41
		024

IBM 4693 POS Terminal Model 741

IBM 4693 POS Terminal Model 741 is a powerful retail base platform designed to take the retailer into the future with the StorePlace application set while maintaining investment in previous 468X hardware and the retail function-rich 4690 OS. The IBM 4693 POS Terminal Model 741 is an open hardware platform that can support 4690 OS, DOS and OS/2. It provides the flexibility for a retailer to minimize investment while maximizing the hardware capabilities. The Model 741 is designed to be scalable from a low-end diskless platform which supports the 4690 OS to a high-end more powerful processor-based platform with 64MB of memory and dual hard

files to support retail function intensive applications such as StorePlace. A number of configurations between the low end and high-end Model 741 can support 4690 OS, OS/2 and DOS based operating systems. This type of expansion capability allows a customer to invest in hardware that is flexible and expandable enough to grow as the complexity of his business applications and system needs grow. The customer can choose to invest in only the function he needs at this time and upgrade at his own pace.

Processor Upgradeability

The IBM 4693 POS Terminal Model 741 comes standard with a 486 processor that is upgradeable. Easily replaceable processors allow the processor performance to be readily increased as the customer's retail software business applications continue to grow.

Processor upgradeability allows the retailer to increase the performance of the system while maintaining the originally purchased platform over an extended period of time.

An RPQ can be submitted for other processors.

IDE Hard Files and Memory Expansion Capacity

IBM 4693 POS Terminal Model 741 provides increased storage capacity via support for single or dual 2.5-inch 360MB and 540MB hard drives. It supports 4 SIMM sockets for a maximum memory capacity of 64MBs. The ability to upgrade the Model 741 as your retail business application demands grow allows you to maximize your invest over a given period of time.

The dual hard drive function increases reliability of the system by providing disk backup via the second drive. In a transaction intense environment, providing a back-up image on the secondary drive allows transaction data to be readily recovered if there is a primary disk failure.

An RPQ can be submitted for other hard drives and memory.

Local bus SVGA video with 1MB DRAM

The support for local bus SVGA video with 1MB of DRAM increases the video resolution to 1024/768/256. As multimedia continues to grow in the store, increased resolution, performance, and color selection will enhance the full-screen graphics presentation.

Low-cost LCD/Touch adapter

The optional low-cost LCD/touch adapter allows a retailer to more cost effectively integrate the Retail LCD Flat Panel and the touch display products into the store.

IBM 4694 POS Terminal Model 144

IBM 4694 POS Terminal Model 144 is a powerful value-based retail platform designed to take the retailer into the future with the StorePlace application set. An open hardware platform that can support DOS and OS/2, provides the flexibility for a retailer to minimize investment while maximizing the hardware capabilities. The Model 144 can be expanded from a base platform that supports 4MB of memory to 64MB of memory and a 540MB hard file which will support DOS and OS/2 executing retail function intensive applications such as the StorePlace application set. This type of expansion capability allows a customer to invest in hardware that is flexible and expandable enough to grow as the complexity of his business applications and system needs grow. The customer can invest in only the function he needs at this time and upgrade in the future if necessary.

Upgradeability

The IBM 4694 POS Terminal Model 144 comes standard with a 486 base processor. The processor is field upgradeable and easily replaceable to allow the processor performance to be readily increased as the customer's retail software business applications continue to grow.

The retailer can increase the performance of the system while maintaining the originally purchased platform over an extended period of time.

An RPQ can be submitted for other processors.

IDE Hard Files and Memory Expansion Capacity

IBM 4694 POS Terminal Model 144 provides increased storage capacity via support for a single 3.5-inch 540MB hard drive. It supports 4 SIMM sockets for a maximum memory capacity of 64MBs. The ability to upgrade the Model 144 as your retail business application demands grow allows you to maximize your investment over a given period of time. The model 144 comes standard with 4MBs of memory.

An RPQ can be submitted for other hard drives and memory.

Local Bus SVGA video with 1MB DRAM

The support for local bus SVGA video with 1MB of DRAM increase the video resolution 1024/768/256. As multimedia continues to grow in the store, increased resolution, performance and color selection will enhance the full screen graphics presentation.

Open Enterprise

IBM 4694 POS Terminal Model 144

Hardware Bus Architecture

Industry Standard Architecture -- ISA

Personal Computer Memory Card International Standard -- PCMCIA

Disk Operating System (DOS) Version 6.3 or later

OS/2 2.1 or later

IBM 4693 POS Terminal Model 741

DOS Version 6.3 or later

OS/2 Version 2.1 or later

PRODUCT POSITIONING

The IBM 4693 POS Terminal Model 741 is the most expandable, scalable, feature and function rich base unit of the 4693 family. When compared to the rest of the 4693 family of offerings, the IBM 4693 POS Terminal Model 741 offers a fast high performance 486 base processor and socketed processor upgradeability. It supports up to 64MB of memory, has a 32-bit local bus architecture, SVGA video with 1MB of DRAM and up to two 2.5-inch 360Mb and 540MB IDE hard drives. The rest of the 4693 family supports up to 16MB of memory instead of 64MB and is limited in expansion when compared to the IBM 4693 POS Terminal Model 741. The IBM 4693 POS Terminal Model 741 continues to maintain most of the attributes of the 4693 Model 541 terminal.

The IBM 4694 POS Terminal Model 144 is the most expandable, feature and function rich base unit of the 4694 family. When compared to the rest of the 4694 offerings the IBM 4694 POS Terminal Model 144 offers a fast, high performance 486 base processor. It supports up to 64MB of memory, has a 32-bit local bus architecture, SVGA video with 1MB of DRAM and one 3.5-inch 540MB IDE hard drive. The rest of the 4694 family supports up to 16MB of memory instead of the 64MB and is limited in expansion when compared to the IBM 4694 POS Terminal Model 144. The IBM 4694 POS Terminal Model 144 continues to maintain most of the attributes of the 4694 Model 044 terminal.

The enhanced function, features and modular growth make the IBM 4693 POS Terminal Model 741 and the IBM 4694 POS Terminal Model 144 a superior platform for the increasing demands of retail business software.

When comparing the 4693 family of products to the 4694 family of products, there are several distinct differences. The 4693 family is

designed as the premium line of retail POS Terminals. The 4693 family is based on the highly functional Micro Channel architecture and contains more slots than the 4694. Memory retention is available for transaction protection, programmable power for energy efficiency and, when operating under 4690 Operating System, Next Sequential Instruction for customer convenience and operational efficiency. The Model 741 is Energy Star compliant when using the 4690 OS. It is designed to co-exist with 468X hardware for easy migration.

The 4693 family allows you to take advantage of the 4690 retail specific operating system, and DOS, and OS/2. The IBM 4693 POS Terminal Model 741 is a robust platform that provides an excellent migration path from 4690 OS to OS/2 and the StorePlace application set.

The 4694 family is the value line of retail point-of-sale terminals which support a subset of the 4683 family of input/output devices. Built on ISA architecture, the 4694 is a value based platform. It provides an open platform for customers who wish to migrate their current 4690OS applications to a DOS terminal via 4690 Terminal Services for DOS. The 4694 family continues to support OS/2 and DOS. The IBM 4694 POS Terminal Model 144 is an excellent platform for OS/2 and the StorePlace application set.

PUBLICATIONS

IBM 4693 POS Terminal Model 741

The following publications are shipped with every 4693 model 741 & 751.

Title	Order Number
IBM 4693 Point of Sale Terminals:	
Quick Reference Card	
-- US English	73G1022
-- French	73G1025

-- Spanish 73G1028
 -- Brazilian/Portuguese 73G1021

4693/4694 Point of Sale Terminals

Product Safety Information G0G1330

4693 Warranty Statement -- US English 60G1333

The publications listed below are shipped only to 4693 Model 741 customers with specify code #9521. Only one is needed per store. Additional copies are available.

Title	Feature Number	Order Number	Language
IBM 4693 Point of Sale	2950	SA27-3978	English
Terminals: Installation	2928	SA11-1183	French
and Operation Guide	2931	SA10-9203	Spanish
	2935		Canadian French
IBM Store Systems: Point	2950	GA27-4035	English
of Sale Terminals --	2928		English
Supplement for	2931		English
Installation, Operation, and Service	2935		English

The following additional publications will be shipped only if specifically ordered. Only one publication per store is recommended. Copies are available May 26, 1995.

Title	Feature Number	Order Number	Language
IBM Store Systems:	2950	GA27-4028	English
Installation and Operation	2928	GA11-1339	French
Guide for Point-of-Sale	2931	Spanish	
Input/Output Devices	2935	GA11-1339	Canadian French
 IBM POSS For DOS:	 4940	 SC30-3621	 English
Programming Reference			
 IBM POSS For DOS:			
Device Driver Diskette	4940		English
Diskette #1		SX27-3960	
Diskette #2		SX27-3961	
 IBM 469X Supplemental	 4940	 SX27-3934	
Driver Diskette			

IBM POSS For OS/2: Installation, Keyboards and Code Pages	4950	GC30-3623	English
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IBM POSS For OS/2: Programming Reference and User's Guide		SC30-3560	English
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IBM 469X Supplemental Driver Diskette	4950	SX27-3934	
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IBM POSS For OS/2: Device Driver Diskette #1 Diskette #2	4950		
		SX27-3942	
		SX27-3943	

IBM 4694 POS Terminal Model 144

A translated safety manual will be shipped with the product. The following publications will be shipped only if specifically ordered.

Only one publication per store is recommended.

Title	Feature Number	Order Number	Language
IBM 4694 Point of Sale Terminals: Installation and Operation Guide	2950 2928 2931	SA27-4005	English French Spanish

	2935		Canadian French
IBM Store Systems:	2950	GA27-4028	English
Installation and Operation	2928	GA11-1339	French
Guide for Point-of-Sale	2931		Spanish
Input/Output Devices	2935	GA11-1339	Canadian French
IBM Store Systems: Point	2950	GA27-4035	English
of Sale Terminals --	2928		English
Supplement for	2931		English
Installation, Operation,	2935		English
and Service			
IBM POSS For DOS:	4940	SC30-3621	English
Programming Reference			
IBM POSS For DOS: Device	4940		English
Driver Diskette			
Diskette #1		SX27-3960	
Diskette #2		SX27-3961	

IBM 469X Supplemental Driver Diskette	4940	SX27-3934	
IBM POSS For OS/2: Installation, Keyboards and Code Pages	4950	GC30-3623	English
Title	Feature Number	Order Number	Language
IBM POSS For OS/2: Programming Reference and User's Guide		SC30-3560	English
IBM 469X Supplemental Driver Diskette	4950	SX27-3934	
IBM POSS For OS/2: Device Driver Diskette #1 Diskette #2	4950	SX27-3942 SX27-3943	

The publications listed below are available for the 4693 and 4694 May 26, 1995. To order, contact your IBM representative.

Title	Order Number	Part Number
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IBM Store Systems: Parts Catalog	S131-0097	
4693/4694/4695 Point of Sale Terminals: Maintenance and Test Summary	SX27-3919	
4693/4694/4695 Point of Sale Terminals: Hardware Service Manual	SY27-0337	
IBM Store Systems: Hardware Service Manual for Point-of-Sale Input/Output Devices	SY27-0339	
IBM 469X Supplemental Driver Diskette	SX27-3934	59G8737
IBM Multiprotocol Communications Adapter: Installation, Problem Determination, and Technical Reference	GA27-4033	

IBM Store Systems Adapters: GA27-4009
Installation and Service

IBM 4694/4695 Service Diskette SX27-3933 59G8741

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

TECHNICAL INFORMATION

Specified Operating Environment

Physical Specifications:

IBM 4693 POS Terminal Model 741

Width: 449mm (17.7 inches)

Depth: 475mm (18.7 inches)

Height: 114mm (4.5 inches)

Weight: 11.2kg (24.7 pounds)

IBM 4694 POS Terminal Model 144

Width: 440mm (17.3 inches)

Depth: 475mm (18.7 inches)

Height: 89mm (3.5 inches)

Weight: 10.7kg (23.5 pounds)

Operating Environment:

IBM 4693 POS Terminal Model 741

Temperature: 0(deg) to 40(deg)C (32(deg) to +104(deg)F)

Relative Humidity: 8% to 80%

Wet Bulb: 27(deg)C

Electrical power: .65 KVA maximum

IBM 4694 POS Terminal Model 144

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

Relative Humidity: 8% to 80%

Wet Bulb: 27(deg)C

Electrical power: .23 KVA(160W)

Noise Level: Class 3

Hardware Requirements:

IBM 4693 POS Terminal Model 741

The Model 741 can be utilized as a controller, controller/terminal or a terminal. It has the capability to install two hard drives (360MB or 540MB) and/or a floppy (1.44MB). It may also be medialess. It can stand alone, control terminals over a LAN, control terminals over a LAN with satellites attached or directly attach a satellite terminal. It has a 486 processor, 10 Point of Sale input/output device

ports, five PS/2(R) ports, four Micro Channel feature card slots and SVGA video standard on the planar. Memory, up to 64MB, Operating System and Terminal Controller Communications are all selectable on the IBM 4693 POS Terminal Model 741.

When used as a terminal, the 4693 can be attached to PS/2, AS/400(R) or RISC System/6000(R).

The 4693 requires one of the following keyboards and display to be fully operational:

4693 Keyboards	4696 Feature Code
Retail POS Keyboard	3315
Retail POS Keyboard with Card Reader	3320
Retail POS Keyboard with Card Reader and Display	6300
Retail POS Alphanumeric Keyboard with Card Reader -- US	3324
Retail POS Alphanumeric Keyboard with Card Reader -- Brazil	3200
Retail POS Alphanumeric Keyboard with Card Reader -- Canada	3201
Retail Point of Sale Alphanumeric Keyboard with Card Reader -- Spain	3206
Modifiable Layout Keyboard with Card Reader	3323
Enhanced Alphanumeric Keyboard	3990

4683

4683 Keyboards	Feature Code
50 Key Modifiable Keyboard	3320
50 Key Modifiable Keyboard with Operator Display	6300
Alphanumeric Point of Sale Keyboard	3324
Enhanced Alphanumeric Keyboard -- US	3990
Enhanced Alphanumeric Keyboard -- Canada	4800
Enhanced Alphanumeric Keyboard -- Spanish	4900
	4693
4693 Displays	Feature Code
40 Character Vacuum Fluorescent Display	3343
Character/Graphics Display	3400
40-Character Vacuum Fluorescent Display II	3501
Two-sided Vacuum Fluorescent Display II	3502
40-Character Liquid Crystal Display	3503
	4693
4693 Displays	Feature Code

Monochrome Video Display	3920, 3924, 3925
Color Video Display	3910, 3914, 3915
Monochrome Flat Panel Display	3940

	4693
	Feature
4693 Display/Keyboard	Code

Sure Point Monochrome Touch Screen	3950
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	4683
	Feature
4683 Displays	Code

40-Character Alphanumeric Display	3343
228 mm Monochrome Display	7428
IBM 8504 12-Inch Monochrome Display	

IBM 4694 POS Terminal Model 144

The IBM 4694 Point-of-Sale Terminal Model 144 and 1S4 can be utilized as a controller, a controller/terminal, or simply a terminal. In

any configuration, the 4694 requires one system unit, one keyboard, and one system display to be operational.

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

IBM 4694 POS Terminal Model 144

The system units come standard with the following:

- 4694 Model 144 and 1S4 -- 486 microprocessor.

- One of two available power supplies, high or low AC input voltage versions available (110 or 220 VAC). Both systems generate 38V output.

- 4MB of random access memory (RAM) installed via one of the four memory sockets.

- One 1.44MB, 3.5-inch floppy disk drive (FDD).

- SVGA Video support (ISO capable)

- Connectors to attach up to eleven 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

 - One parallel port

- System Unit I/O integration kit (slant top) is standard

- Integrated Ethernet 10BaseT 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/Repeater

A hub or repeater such as the IBM 8222 8-port or 16-port 10BaseT Group Hub is required.

Two full-size, expansion slots for ISA-compatible feature cards.

One 10BaseT LAN cable (4.2 meter or 14 feet -- RJ-45 telephone modular jack plugs on both ends).

One country-specific power cord.

Product safety messages as required.

License to use POSS For DOS drivers with this system unit.

License to use POSS For OS/2 drivers with this system unit.

Additionally, the following system unit features are available:

One factory- or field-installable 540MB hard disk drive (HDD)

One field-installable Personal Computer Memory Card International Association (PCMCIA) feature card that provides capability to install up to two PCMCIA compatible cards.

None of the above features consumes either of the two ISA expansion slots.

Translated Installation and Operation Guide (see Publications section)

POSS/DOS and 469X Supplemental Driver Diskettes.

Service diskettes are not available as a feature but can be ordered (SX27-3933).

System units require a hard disk drive feature 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.

The 4694 POS family includes several input/output devices, but at a minimum, one of the following keyboards and displays is required to be fully operational:

	4694 Feature Code
4694 Keyboards	
Retail POS Keyboard	3315
Retail POS Keyboard with Card Reader	3320
Retail POS Keyboard with Card Reader and Display	6300
Retail POS Alphanumeric Keyboard with Card Reader	
-- US	3324
-- Brazil	3200
-- Canada	3201
-- Spain	3206
Modifiable Layout Keyboard with Card Reader	3323
Enhanced Alphanumeric Keyboard	3990
	4694 Feature Code
4694 Displays	

40-Character Vacuum Fluorescent Display	3343
Character/Graphics Display	3400
40-Character Vacuum Fluorescent Display II	3501
Two-sided Vacuum Fluorescent Display II	3502
40-Character Liquid Crystal Display	3503
Monochrome Video Display	3920,
	3924,
	3925
Color Video Display	3910,
	3914
Monochrome Flat Panel Display	3940

4694

Feature

4694 Display/Keyboard

Code

4695 POS Adapter and 4695 Distributed

3941

Touch Terminal Model 002 or 012

Sure Point Monochrome Touch Screen

3950

Software Requirements:

One of the following:

IBM 4693 POS Terminal Model 741:

IBM DOS 6.3 or later with IBM POSS For DOS

IBM LAN Support Program

IBM DOS LAN Requester 3.01 and 4.0

Novell** NetWare** 3.11 and 3.12 (IBM Tested - Not applying for Novell Certification)

4690 Operating System Version 1

4690 Terminal Maintenance level 9540

OS/2 2.1 or later with IBM POSS For OS/2

OS/2 LAN Server 3.01 and 4.0

OS/2 Communications Manager/2 Version 1.0

OS/2 LAN Requester 3.01 and 4.0

IBM 4694 POS Terminal Model 144:

IBM DOS 6.3 or later with IBM POSS For DOS

OS/2 2.1 or later with IBM POSS For OS/2

4690 Terminal Services for DOS (4690 OS feature)

Compatibility:

4693 POS Terminal Model 741

The 4693 supports 4690 OS, is compatible with the 4683 product, and can coexist with it on a store loop.

4694 POS Terminal Model 144

The 4694 supports 4690 Terminal Services for DOS, a 4690 OS feature, but does not support the store loop.

Planning Information

Customer Responsibilities: The customer is responsible for unpacking and set up of the components in accordance with the customer setup instructions provided.

A screwdriver will be required to install or remove feature cards as well as to remove the field replaceable units (FRUs).

The customer is responsible for placing legends in the key tops and for keyboard customization unless custom integration is ordered from IBM.

The customer is responsible for ordering at least one 4693 or 4694 shipment group per store.

IBM 4693 POS Terminal Model 741 Model Conversion

The 4693 model 541 is upgradeable to a 4693 model 741 via a model conversion. The model conversion only provides the 741 planar board which replaces the 541 planar board. If the model 541 requiring conversion contains a hard drive then at least one of the following hard drives and cables must be ordered with the model conversion:

Description	Feature
360M Hard Drive	5236
540M Hard Drive	5254
Hard Drive Single Cable	5340
Hard Drive Dual Cable	5341

If the customer wishes to add a disk to a medialess 541 as part of the conversion, then at least one of the above hard drives and cables must be ordered with the conversion model.

Cable Orders:

IBM 4694 POS Terminal Model 144

A power cord is shipped with every 4694. The length and plug type must be specified by the customer with each machine order.

All input/output device attachment cables are optional and are shipped per the customer order.

Installability: All components have a numerical identification for ease of installation. Each input/output device, its respective cable and system unit connector are identified by corresponding numbers. The customer setup procedures are sequenced using these numbers.

All input/output devices employ snap or twist lock connectors.

Lock inserts or non-operating lock inserts require a master lock insert key which is specified with either a Point of Sale Store Controller Shipment Group or a PS/2 Store Controller Shipment Group for the 4693 or the Hardware Kit for the 4694.

The input/output devices are securely locked into position in an integrated configuration by a security latch contained within the system unit I/O integration kit.

For planning purposes, 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:

IBM 4693 POS Terminal Model 741

Customer problem analysis and resolution guides are provided as are diagnostic procedures that assist the customer in isolating a defective terminal component. The system unit is also equipped with four diagnostic lights that indicate the planar card is functional, the power supply is functional, there is an overcurrent condition and if there is an overheat condition. The failing element can then be identified when placing a service call or doing self-service.

IBM 4694 POS Terminal Model 144

The 4694 Point of Sale Terminal Customer Problem analysis and resolution guides and diagnostic procedures are available to assist the customer in isolating a defective terminal component. The failing element can then be identified when placing a service call or doing self-service. Service diskette must be ordered separately (form number SX27-3933).

Packaging: Only one Point of Sale Store Controller Shipment Group per store is required. Specify #9521 with the 4693 Model 741 and 751 to obtain the Shipment Group.

Product	Shipment Group	Boxes
4693 Model 741	Hardware Group: Support Diskette (supplied only if Model 741 has floppy file) Lock Change Kit Publications Group: Installation and Operation Guide IBM Store Systems: Point of Sale Terminals -- Supplement for Installation, Operation, and Service	1

Safety Messages Book
Warranty Statement

Each 4693 Model 741 and 7S1 without specify code #9521 is shipped with the following shipment group:

Number of Product	Shipment Group	Boxes
4693 Model 741 or 7S1 w/o #9521	Publications Group:	1

Warranty Statement
Safety Messages Book

Accessories and/or Supplies:

For End Users

Lexmark International, Inc. manufactures and markets IBM supplies. For information about products or services, call Lexmark at 800-358-5835.

Supplies can be purchased from Lexmark Authorized Supplies Dealers or directly from Lexmark by calling 800-438-5835.

Fax order may be sent to: 800-522-3422

Mail orders may be sent to:

Lexmark Telemarketing Center
1221 Alverser Drive
Midlothian, VA 23113

For Remarketers

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

Fax order 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

IBM 4693 POS Terminal Model 741

Security and auditability features of this product are:

- Keylock on system unit floppy drive

- Two-position keylock on POS keyboards

- Keylock on cash drawer

- Keylock on journal station

IBM 4694 POS Terminal Model 144

Security and auditability features of this product are:

- Keylock on system unit floppy drive

- Two-position keylock on POS keyboards

Keylock on cash drawer

Keylock on journal station

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

TERMS AND CONDITIONS

This product is available for purchase under the terms of the IBM Customer Agreement.

Volume orders: For 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.

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 IBM Hourly Service may be obtained by calling 800-IBM-SERV (426-7378). IBM Hourly Service is available at the applicable rate and terms, including element exchange price if applicable.

Mid-Range System Option: The announced 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.

Eligible Types	Discount	
	Three-Year	Five-Year

4693	20%	25%
4694	20%	25%

Corporate Service Option: The announced 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: The announced product is an eligible machine under the Extended Maintenance Option of the IBM Customer Agreement.

Central Facility Maintenance Service Option: The announced product is an eligible machine for 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 6 machines. 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: -- Yes

Model Conversions: IBM 4693 POS Terminal Model 741

Yes

Customer Setup: Yes

Licensed Internal Code: No

Educational Allowance: None

CHARGES

Product Charges:

IBM 4693 POS Terminal Model 741

Description	Mach	Model/ Feature	Part Number	Purchase Price	MES	P=Plant
					ADD	F=Field
					Price	B=Both
Base Unit	4693	741		\$2,745		P
Base Unit -- Supermkt	4693	7S1		2,745		P
2MB Memory plant only		4652	49G3038	157		P
4MB Memory plant only		4654	49G3039	274		P
8MB Memory plant only		4658	49G3040	695		P
1.44MB Floppy Dr. plant only		5301	93F0761	165		P
360MB hard drive plant only		5336	73G1159	595		P
540MB hard drive plant only		5354	73G1169	795		P
2MB Memory		4662		157		F

4MB Memory	4664		274		F
8MB Memory	4668		695		F
360MB hard drive	5236		595		F
540MB hard drive	5254		795		F
1.44MB Floppy Drive	5201		165		F
				MES	P=Plant
		Model/	Part	Purchase	ADD
		Feature	Number	Price	F=Field
Description	Mach			Price	B=Both
IBM 4693 LAN Adapter/A for Ethernet	4693	7171	13H4838	\$295	B
Hard Drive Single cable		5340	73G1224	16	B
Hard Drive Dual cable		5341	73G1226	25	B
Components/Bulk Order		0123		N/C	B
Standard Duration Battery		4635	93F0797	73	B
Extended Duration Battery		4636	93F0700	124	B
POSS For DOS Drivers		4940	73F0940	100	B
POSS For OS/2 Drivers		4950	73F0950	100	B
Retail Point of Sale Keyboard		3315	92F6310	300	B
Retail Point of Sale Keyboard with Card Reader		3320	92F6320	390	B
Retail Point of Sale Keyboard with Card Reader and Display		6300	92F6330	550	B

Retail POS A/N Keyboard with Card Reader -- US English	3324	92F6271	625		B
Retail POS A/N Keyboard with Card Reader -- Spanish	3206	92F6272	625		B
Retail POS A/N Keyboard with Card Reader -- Canadian/French	3201	92F6273	625		B
Modifiable Layout Keyboard with Card Reader	3323	92F6290	645		B
Enhanced Alphanumeric Keybd	3990	1393990	211		B
Integrated Keyboard Cable	3325	59G9146	14		B
Distributed Keyboard Cable	3326	6316857	42		B
Integrated PS/2 A/N POS Attachment Cable	3328	25F6341	45		B
Distributed PS/2 A/N POS Attachment Cable	3329	25F6342	55		B
Enhanced A/N Keyboard Cable	4721	1394721	23		B
Keybutton Kit -- Retail Format Keyboard Legend Sheets	3330	92F6263	7		B
Blank Legend Sheets	9400		N/C	\$15	B
Spanish	9431		N/C	15	B
Canadian/French	9435		N/C	15	B
US English	9450		N/C	15	B
Cash Drawer Optional Lock	3350	60G1400	11		B

Cash Drawer Optional Lock	3351	60G1401	11	B
Cash Drawer Optional Lock	3352	60G1402	11	B
Cash Drawer Optional Lock	3353	60G1403	11	B
Cash Drawer Optional Lock	3354	60G1404	11	B
Cash Drawer Optional Lock	3355	60G1405	11	B
Cash Drawer Optional Lock	3356	60G1406	11	B
Cash Drawer Optional Lock	3357	60G1407	11	B
Lock Change Kit	5909	4783922	6	B
Cash Drawer Optional Lock	3358	60G1408	11	B
Cash Drawer Optional Lock	3359	60G1409	11	B
Cash Drawer, No Till	3360	74F6297	206	B
Flip Top Cash Drawer	3362	76X0200	470	B
Cash Drawer I/O Integration Kit	3375	73G0925	50	B
Fixed Till	3879	4783879	27	B
Adjustable Till	1092	4783880	36	B
Till Cover -- Locking	6718	6316718	18	B
Compact Till Cover -- Locking	6719	10H3340	25	B
Cash Drwr Mounting Brackets	6725	13H9614	35	B
Integrated Cash Drawer Cable	3364	6316831	10	B
Distributed Cash Drawer Cable	3365	6316832	29	B
OEM Cash Drwr Attachment Cbl	3466	63X4997	45	B
Compact CD w/ "Euro" Till	3368	10H3320	242	B
"Euro" Till -- Compact CD	3369	10H3330	42	B
Compact CD w/Standard Till	3378	10H3360	233	B
Standard Till -- Compact CD	3379	10H3370	36	B

Description	Mach	Model/ Feature	Part Number	Purchase Price	MES	P=Plant
					ADD	F=Field
					Price	B=Both
Model 2 Printer		6400	25F6400	\$ 827		B
Model 2 or 3 Printer Integration Kit		6405	73G0978	14		B
Integrated Model 2 Prtr Cbl		3384	6428966	50		B
Distributed Model 2 Prtr Cbl		3385	6428961	78		B
Model 4 Printer		4800	93F0463	995		B
Model 4R Printer		4801	60G0568	1,245		B
Integrated Model 4 Prtr Cbl		4920	93F0533	30		B
Distributed Model 4 Prtr Cbl		4922	93F0534	55		B
Ribbon/Paper Kit		4923	93F0473	36		B
40 Character Vacuum Fluorescent Display		3343	93F1090	410		B
Character/Graphics Display		3400	95F3241	510		B
Integrated Cable Assembly		3344	6316834	11		B
Distributed Cable Assembly		3345	73G0935	47		B
40 Char Vacuum Fluorescent Short Post		3347	93F1110	3		B
40 Character Vacuum Fluorescent Post Extension		3348	93F1111	8		B

Dual 40 Character Vacuum Display Cover Kit	3600	93F1085	49	B
Shopper Display	3339	93F1100	233	B
Shopper Display Distributed Cable Assembly	3342	63X5030	52	B
Monitor Tilt/Swivel Stand	7429	85X7418	25	B
Color Video Display for C/D I/O Int. Kit	3915	73G1236	890	B
9-inch CRT Display -- Int.	3920	92G7900	395	B
9-inch CRT Display -- Distr.	3924	92G7950	350	B
9-inch Mono CRT on C/D I/O Int. Kit	3925	92G7920	395	B
Point-of-Sale LCD Adpt	3932	92G7917	195	B
Monochrome Flat Panel -- Display	3940	66G4200	700	B
Flat Panel Display -- Integrated Kit	3943	66G4224	128	B
Flat Panel Display -- Distributed Kit	3944	66G4226	180	B
Flat Panel Display -- Cash Drawer Integration Kit	3945	66G4225	180	B
Sure Point (SP) Monochrome Touch Screen	3950	66G4202	1,135	B
Sure Point Magnetic Stripe Reader	3951	85G6301	125	B
Large Keyboard Filler Panel	3958	92G7915	50	B

Color Video Display -- Int.	3910	60G1421	871		B	
Color Video Display -- Dist	3914	60G1429	890		B	
40-Character Vacuum	3501	73G1100	350		B	
Fluorescent Display II						
Two-sided Vacuum	3502	73G1110	455		B	
Fluorescent Display II						
40-Character Liquid	3503	73G1190	235		B	
Crystal Display						
40-Character LCD Y	3505	73G1212	40		B	
Cable Assembly						
Point of Sale Store Loop Adpt	6701	60G4141	495		B	
Point of Sale Store Loop Cbl	4040	93F0808	43		B	
Token Ring Adapter, 16/4	0149	74F9410	435		B	
Token Ring Adapter, 4	9304		N/C		B	
Token Ring Adapter, 16	9316		N/C		B	
System Integration Kit	9305		N/C		B	
Token Ring Cable	3390	60G4153	36		B	
				MES	P=Plant	
				ADD	F=Field	
Description	Mach	Model/ Feature	Part Number	Purchase Price	Price	B=Both
IBM PS/2 Multi-Protocol Adapt	3043	60G4160	60G4160	\$350		B
IBM Communications Adapt Cbl	2067	60G4161	60G4161	70		B
Line Cord, 4.3M Non-Locking	9510	6952296	6952296	N/C	\$14	B
Line Cord, 1.8M Non-Locking	9511	6952298	6952298	N/C	10	B
Line Cord, 4.3M Locking	9512	7842130	7842130	N/C	19	B

Line Cord, 1.8M Locking	9513	7842128	N/C	23	B
Line Cord, 2.8M Non-Locking	9514	6952297	N/C	10	B
Plug, Non Operating Lock	9200	4783923	N/C	10	B
Hardware Kit	9521	4783922	N/C	6	B
Lock	9202	33G3352	N/C	8	B
Lock	9203	33G3353	N/C	8	B
Lock	9204	33G3354	N/C	8	B
Lock	9205	33G3355	N/C	8	B
Lock	9206	33G3356	N/C	8	B
Lock	9207	33G3357	N/C	8	B
Lock	9208	33G3358	N/C	8	B
Lock	9209	33G3359	N/C	8	B
Lock	9210	33G3360	N/C	8	B
Lock	9211	33G3361	N/C	8	B
Flat Top -- Dist. System Unit	9300	93F0813	N/C	23	B

Intended OS -- 4690	9534		N/C		B
Intended OS -- DOS	9535		N/C		B
Intended OS -- OS/2	9536		N/C		B
Intended OS -- Third Party	9537		N/C		B
Third Party Display	9605		N/C		B

Publications And Diskettes

User's Guide, System	2950		N/C	30	B
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Diskettes -- English					
User's Guide, System	2928		N/C	30	B
Diskettes -- French					
User's Guide, System	2935		N/C	30	B
Diskettes -- Canadian/French					
User's Guide, System	2931		N/C	30	B
Diskettes -- Spanish					

IBM 4694 POS Terminal Model 144

Note: Last column designates: P -- for plant, F -- for field, or B -- for both.

Description	Mach Type	Model/ Feature Part		Purchase Price	MES	P
		Number	No		ADD	F
Base System Unit	4694	144		\$2,395		
Base System Unit -- Supermarket	4694	1S4		2,395		

Model 144, and 1S4 System Unit Features

Power Supply (120-127V)	2900			N/C		P
Components/Bulk Order	0123			N/C		B
IBM Multiprotocol Communications Adapter	3043	73G2776		300		B
IBM Communications Cable	2067	60G4161		70		B

Parallel Port Adapter		8664	59G8781	50		B
4MB Expansion MES/CRU	4694	4655	92G9449	274		B
Feature						
8MB Expansion MES/CRU	4694	4659	92G9450	695		B
Feature						
540MB Hard Disk Drive		8797	92G9451	525		B
Package						
PCMCIA MES/CRU	4694	8660	59G8660	250		B
Feature						
IBM 4695 POS Adapter		3941	73G2853	450		B
Kitchen Card		1230	84F6790	540		B
		Model/			MES	P
	Mach	Feature	Part	Purchase	ADD	F
Description	Type	Number	No	Price	Price	B

Keyboards

Enhanced Alphanumeric Kybrd		3990	1393990	\$ 211		B
PS/2 Keyboard Cable		4721	1394721	23		B
Retail POS Keyboard		3315	92F6310	300		B
Retail POS Keyboard w/ Card		3320	92F6320	390		B
Reader						
Retail POS Keyboard w/ Card		6300	92F6330	550		B
Reader & Display						
Modifiable Layout Keyboard		3323	92F6290	645		B
Retail POS Keyboard Cable --		3325	59G9146	14		B
Integrated						

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
Retail Numeric Keybutton Kit	3330	92F6263	7	B
Retail ANPOS Keyboard with Card Reader				
US English	3324	92F6271	625	B
Spanish	3206	92F6272	625	B
Canadian/French	3201	92F6273	625	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
Compact Till Cover-Locking	6719	10H3340	25	B
Cash Drwr Mounting Brackets	6725	13H9614	35	B
Distributed Cash Drawer Cable	3365	6316832	29	B
Integrated Cash Drawer	3364	6316831	10	B

Cable

OEM Cash Drawer Cable	3466	63X4997	45	B
I/O Integration Kit	3375	73G0925	50	B
Compact CD w/ "Euro" Till	3368	10H3320	242	B
"Euro" Till -- Compact CD	3369	10H3330	42	B
Compact CD w/Standard Till	3378	10H3360	233	B
Standard Till -- Compact CD	3379	10H3370	36	B

Printers

Model 2 Printer	6400	25F6400	827	B
Model 4 Printer	4800	93F0463	995	B
Model 4R Printer	4801	60G0568	1,245	B
Model 2 Integrated Printer Kit	3384	6428966	50	B
Model 2 Distributed Printer Kit	3385	6428961	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	4923	93F0473	36	B
Model 2 or 3 Printer	6405	73G0978	14	B

Integration Kit

	Model/	MES	P
Description	Mach Feature Part	Purchase ADD	F
	Type Number No	Price Price	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
Character/Graphics Display	3400	95F3241	510		B
40-Character Vacuum Fluorescent Display II	3501	73G1100	350		B
Two-sided Vacuum Fluorescent Display II	3502	73G1110	455		B
40-Character Liquid Crystal Display	3503	73G1190	235		B

40-Character LCD Y Cable Assembly	3505	73G1212	40	B
Large Keyboard Filler Panel	3958	92G7915	50	B
Color Video Display -- Integrated	3910	60G1421	890	B
Color Video Display -- Distributed	3914	60G1429	909	B
Monitor Tilt/Swivel Stand -- Distributed	7429	85X7418	25	B
9-inch CRT Display -- Int.	3920	92G7900	395	B
9-inch CRT Display -- Distr.	3924	92G7950	350	B
9-inch Mono CRT on C/D I/O Int. Kit	3925	92G7920	395	B
Monochrome Flat Panel -- Display	3940	66G4200	700	B
Flat Panel Adapter	3942	66G4205	309	B
Flat Panel Display -- Integrated Kit	3943	66G4224	128	B
Flat Panel Display -- Distributed Kit	3944	66G4226	180	B
Flat Panel Display -- Cash Drawer Integration Kit	3945	66G4225	180	B
Sure Point (SP) Monochrome Touch Screen	3950	66G4202	1,135	B
Sure Point Magnetic Stripe Reader	3951	85G6301	125	B

Terminal Controller Communications Features

Token-Ring Cable	3390	60G4153	36	B
Token-Ring Network, 16/4 (recommended for OS/2)	7462	73G2032	325	B

Food Service

Bump Bar for the 3151 Model 510/560	1250	64F5552	255	B
Bump Bar for the IBM Kitchen Card	1251	64F5553	330	B
10 Ft. Bump Bar Cable	6729	84F6729	21	B
25 Ft. Bump Bar Cable	6730	84F6730	31	B
50 Ft. Bump Bar Cable	6731	84F6731	45	B
75 Ft. Bump Bar Cable	6732	84F6732	65	B
25 Ft. Kitchen Monitor Cable for 8503/8504	6775	84F6775	195	B
50 Ft. Kitchen Monitor Cable for 8503/8504	6776	84F6776	235	B

	Model/		MES	P
Mach	Feature Part	Purchase	ADD	F

Description	Type	Number	No	Price	Price	B
75 Ft. Kitchen Monitor Cable for 8503/8504		6777	84F6777	\$330		B
25 Ft. Kitchen Terminal Cable for the 3151 Model 510/560		6779	84F6779	75		B
50 Ft. Kitchen Terminal Cable for the 3151 Model 510/560		6780	84F6780	125		B
75 Ft. Kitchen Terminal Cable for the 3151 Model 510/560		6781	84F6781	175		B
25 Ft. Daisy Chain Cable for the 3151 Model 510/560		6783	84F6783	80		B
50 Ft. Daisy Chain Cable for the 3151 Model 510/560		6784	84F6784	130		B

Publications And Diskettes

75 Ft. Daisy Chain Cable for the 3151 Model 510/560		6785	84F6785	180		B
Installation and Operation Guide		2950		N/C	\$30	B
Installation and Operation		2928		N/C	30	B

Guide -- French

Installation and Operation	2935		N/C	30	B
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Guide -- Canadian/French

Installation and Operation	2931		N/C	30	B
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Guide -- Spanish

POSS For DOS Drivers	4940		100		B
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POSS For OS/2 Drivers	4950		100		B
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Software Usage -- DOS	9535		N/C		B
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Software Usage -- OS/2	9536		N/C		B
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Software Usage --	9537		N/C		B
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Third Party

IBM Multiprotocol	9700		N/C	1	B
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Communications Adapter

Publication

Third Party Display	9605		N/C		B
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Line Cords

Note -- One of the following

MUST be on each order:

120V Line Cord	9509	65X7761	N/C	10	B
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.7M Non-Locking

120V Line Cord	9510	6952296	N/C	14	B
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4.3M Non-Locking

120V Line Cord	9511	6952298	N/C	10	B
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1.8M Non-Locking

120V Line Cord	9512	7842130	N/C	19	B
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4.3M Locking						
120V Line Cord	9513	7842128	N/C	23	B	
1.8M Locking						
120V Line Cord	9514	6952297	N/C	10	B	
2.8M Non-Locking						

Locks

Hardware Kit	9521	4783922	N/C	6	B	
Standard Lock -- Cash Drawer, Keyboard, Printer						
Plug, Non-Operational Lock	9200	4783923	N/C	10	B	
Standard Lock	9202	33G3352	N/C	8	B	
Standard Lock	9203	33G3353	N/C	8	B	
Standard Lock	9204	33G3354	N/C	8	B	
Standard Lock	9205	33G3355	N/C	8	B	
Standard Lock	9206	33G3356	N/C	8	B	
Standard Lock	9207	33G3357	N/C	8	B	
Standard Lock	9208	33G3358	N/C	8	B	
Standard Lock	9209	33G3359	N/C	8	B	

Model/ MES P

Mach Feature Part Purchase ADD F

Description Type Number No Price Price B

Standard Lock	9210	33G3360	N/C	\$ 8	B
Standard Lock	9211	33G3361	N/C	8	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

Keyboard Legend Sheets

Blank Legend Sheets	9400		N/C	15	B
Spanish	9431		N/C	15	B
Canadian/French	9435		N/C	15	B
US English	9450		N/C	15	B

4694 Models 024, 004, S04, 041, S41, 044 and S44

	Model/		MES	P
Mach	Feature Part	Purchase	ADD	F

Description	Type	Number	No	Price	Price	B
Base System Unit	4694	004,	S04			
Base System Unit	4694	024				
Base System Unit	4694	041,	S41			
Base System Unit	4694	044,	S44			

540 MB Hard Drive		8797	92G9451	\$525		B
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Publication Charges:

Title	Order Number	Charge
4693,4694,and 4695 Point of Sale Terminals: Maintenance and Test Summary	SX27-3919	\$ 2.95
4693/4694/4695 Point of Sale Terminal: Hardware Service Manual	SY27-0337	22.50
IBM Store Systems: Hardware Service Manual for Point-of-Sale Input/Output Devices	SY27-0339	25.00

IBM POSS For DOS:

Driver Diskette

Diskette #1	SX27-3960	2.20
Diskette #2	SX27-3961	2.20

IBM POSS For DOS:

Programmer's Guide

SC30-3621	97.00
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IBM POSS For DOS:

SBOF

SBOF-4842	100.00
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IBM POSS For OS/2:

Driver Diskette # 1

SX27-3942	5.70
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Driver Diskette # 2

SX27-3943	5.70
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IBM POSS For OS/2:

Programmer's Reference
and User's Guide

SC30-3560	95.00
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Title	Order Number	Charge
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IBM POSS For OS/2:

Driver Diskette & Programmer's Guide

SBOF-4843	\$100.00
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IBM 469X Supplemental Driver Diskette	SX27-3934	4.00
IBM 4694 Point of Sale Terminals: Installation and Operation Guide	SA27-4005	10.75
IBM Store Systems: Installation and Operation Guide for Point- of-Sale Input/Output Devices	GA27-4028	4.00
IBM Store Systems: Supplement for Point of Sale Terminals -- Installation, Operation, and Service	GA27-4035	3.45
IBM Multiprotocol Communications Adapter: Installation, Problem Determination, and Technical Reference	GA27-4033	1.95
IBM Store Systems Adapters: Installation and Service	GA27-4009	0.85

IBM 4694/4695 Diagnostic Diskette SX27-3933 199.00

Alternative and Maintenance Service Charges

Alternative Service Charges:

Annual Minimum Maintenance Charges:

IBM 4693 POS Terminal Model 741

Description	Mach	Model/ Feature	Central Facility	
			IBM On-Site Repair (IOR)	Maintenance Service (CFMS)
Base Unit	4693	741	\$208	\$191
Base Unit -- Supermkt	4693	7S1	368	338
360MB Hard Drive plant only		5336	25	23
540MB Hard Drive plant only		5354	25	23
1.44MB Floppy Dr plant only		5301	14	12
360MB Hard Drive		5236	25	23
540MB Hard Drive		5254	25	23
1.44MB Floppy Drive		5201	14	12

Retail Point of Sale Keyboard	3315	25	23
Retail Point of Sale Keyboard with Card Reader	3320	30	27
Retail Point of Sale Keyboard with Card Reader and Display	6300	33	30
Retail POS A/N Keyboard with Card Reader -- US English	3324	43	39
Retail POS A/N Keyboard with Card Reader -- Spanish	3206	43	39
Retail POS A/N Keyboard with Card Reader -- Canadian/French	3201	43	39
Modifiable Layout Keyboard with Card Reader	3323	47	43
Cash Drawer, No Till	3360	27	24
Flip Top Cash Drawer	3362	60	55
IBM 4693 POS Terminal Model 741			

Description	Mach	Model/ Feature	IBM	Central
			On-Site	Facility
			Repair	Service
			(IOR)	(CFMS)

Compact CD w/ "Euro"

Till	3368	\$ 27	\$ 24
Compact CD w/Standard Till	3378	27	24
Model 2 Printer	6400	160	148
Model 4 Printer	4800	156	143
Model 4R Printer	4801	193	177
40 Character Vacuum Fluorescent Display	3343	19	17
Character/Graphics Display	3400	20	18
Shopper Display	3339	17	16
Color Video Display -- Int.	3910	100	92
Color Video Display -- Dist.	3914	100	92
Color Video Display -- I/O Int.	3915	100	92
9-inch CRT Display -- Int.	3920	45	41
9-inch CRT Display -- Distr.	3924	45	41
9-inch Mono CRT on C/D I/O Int. Kit	3925	45	41
40-Character Vacuum Fluorescent Display II	3501	19	17

Two-sided Vacuum Fluorescent Display II	3502	25	23
40-Character Liquid Crystal Display	3503	13	11
Monochrome Flat Panel Display	3940	90	82
Sure Point (SP) Monochrome	3950	90	82

IBM 4694 POS Terminal Model 144

Description	Mach Type	Model /Feat Number	Part Number	Central	IBM
				Facility	On-Site
				Repair	Maint
				(IOR)	(CFMS)
Base System Unit	4694	144		\$200	\$184
Base System Unit -- Supermarket	4694	154		346	318

Model 144 and 1S4 System Unit Features

540MB Hard Drive

Feature	8797		45	41
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IBM 4695 POS Adapter	3941	73G2853	35	32
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Kitchen Card	1230	84F6790	24	22
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Keyboards

Retail POS Keyboard	3315	92F6310	25	23
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Retail POS Keyboard with Card	3320	92F6320	30	27
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Reader

Retail POS Keyboard with Card	6300	92F6330	33	30
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Reader & Display

Modifiable Layout Keyboard	3323	92F6290	47	43
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Retail ANPOS Keyboard with Card Reader

US English	3324	92F6271	43	39
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Spanish	3206	92F6272	43	39
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Canadian/French	3201	92F6273	43	39
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Central

IBM Facility

Model On-Site Maint

Mach /Feat Part Repair Service

Description Type Number Number (IOR) (CFMS)

Cash Drawers

Cash Drawer Assembly	3360	74F6297	\$ 27	\$ 24
Flip Top Cash Drawer	3362	76X0200	60	55

Compact CD w/ "Euro"

Till	3368		27	24
Compact CD w/ Standard Till	3378		27	24

Printers

Model 2 Printer	6400	25F6400	160	147
Model 4 Printer	4800	93F0463	156	143
Model 4R Printer	4801	60G0568	193	177

Displays

40-Character Vacuum Fluorescent Display Fluorescent Post Extension	3343	93F1090	19	17
Shopper Display	3339	93F1100	17	15
Character/Graphics Display	3400	95F3241	20	18
40-Character Vacuum Fluorescent Display II	3501	73G1100	19	17

Two-sided Vacuum Fluorescent Display II	3502	73G1110	25	23
40-Character Liquid Crystal Display	3503	73G1190	13	11
Color Video Display -- Integrated	3910		100	92
Color Video Display -- Distributed	3914		100	92
Monochrome Flat Panel Display	3940	66FG4200	90	82
Flat Panel Adapter	3942		35	32
Sure Point (SP) Monochrome Touch Screen	3950		90	82
9-inch CRT Display -- Int.	3920		45	41
9-inch CRT Display -- Distr.	3924		45	41
9-inch Mono CRT on C/D I/O Int. Kit	3925		45	41

Scanners

Food Service

Bump Bar for the 3151 Model 510/560	1250	64F5552	44	40
Bump Bar for the IBM Kitchen Card #1230	1251	64F5553	29	27

Description	Mach	Model/ Feature	IBM On-Site Repair (IOR)	Central Facility Maintenance Service (CFMS)
Base Unit	4694	024		
Base Unit	4694	004,S04		
Base Unit	4694	041,S41		
Base Unit	4694	044,S44		

540MB Hard Drive	8797		\$45	\$41
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Model Conversion Purchase Prices:

Model From	Model To	Model Conversion Purchase Price
541	741	\$1,650(+)
5S1	7S1	1,650(+)

+ Parts removed or replaced become the property of IBM and must be returned.

** Company, product, or service name may be a trademark or service

mark of others.