Transform the point of sale to a point of service

IBM SurePOS 700 Series

Highlights

- ***Industry-standard, open platform maximizes application, peripheral and display choices, to help you create the best solution for your store***
- ***Delivers advanced technology – including powered USB, DVI video, PCI, DVD and NVRAM – in a durable, retail-hardened design***
- ***Supports several power and systems management options, including Wake on LAN®, Wired for Management and APM/ACPI***

e® business

A new standard for POS performance

Designed for retailers who want to push the boundaries of point-of-sale (POS) technology, the IBM SurePOS™ 700 Series delivers the power and performance to drive e-business solutions today and tomorrow. Fast processing speed and high-bandwidth Ethernet support multichannel retailing, electronic marketing, CRM, multimedia, instant advertising and computer-based training. DMA hard drives minimize seek and write times. And powered USB technology enables hot-plugging, plug-and-play[1] setup and automatic configuration – all of which help simplify management and help reduce maintenance time.

Dynamic multimedia

The IBM SurePOS 700 Series includes the high-tech multimedia assets you need to captivate customers and generate revenue at the POS. Options include an integrated CD-ROM or DVD-ROM, and Digital Visual Interface (DVI) video, which allows you to run conventional and high-performance video now and add digital video solutions later.

Strong investment protection

An open platform runs applications for Microsoft® Windows® and IBM 4690 OS, so you can keep proven software. Choices for speed, slots, bays and peripherals let you configure the right solution today – then add capabilities when the time is right. System units and other components are retail-hardened for reliable performance.

Broad software offering

Select from a diverse number of POS applications developed by IBM, as well as StoreProven™ applications from IBM Business Partners. StoreProven software has been tested to work with the SurePOS 700 Series[2] – look for the StoreProven emblem to find the right one for your store.

IBM StoreProven

High-powered POS solutions for retail e-business

IBM SureMark™ Printer for high-performance printing (optional)

10/100 Ethernet LAN (onboard) offers the speed and bandwidth to handle Internet and intranet applications

Powered USB provides fast data transfer, hot plugging, plug and play, color-coded connections and cleaner cabling, with no power brick

Wired for Management (WfM) compliance and Wake on LAN enable remote management of POS terminals

Advanced Power Management (APM) and Advanced Configuration and Power Interface (ACPI) provide energy-efficient operation

AC switched convenience outlet for a single power cord

Battery backup powers the system unit after AC power loss so you can continue checkout without interruption (standard for 750; optional for 730)

DVI-I video delivers fast refresh times and crisper, sharper graphics

IBM SurePoint™ Solution for GUI or touch-screen applications (optional)

ANPOS keyboard with pointing device eliminates the need for a separate mouse (optional)

Indicator light displays motherboard status at a glance

Direct Memory Access (DMA) hard drives for fast seek and write times

DVD-ROM or CD-ROM for multimedia applications (optional)

Image depicts POS in typical retail setting

Model 202	**Narrow-format, thick-client solution optimized for Microsoft Windows 98/2000**	
	• 500 MHz Intel® Celeron™ processor [3] • 64 MB standard (up to 512 MB available [5])	• 20 GB hard drive [4] • CD-ROM or DVD-ROM optional
Model 242	**Wide-format, thick-client solution optimized for Microsoft Windows 98/2000**	
	• 500 MHz Intel Celeron processor [3] • 64 MB standard (up to 512 MB available [5])	• Two optional 20 GB hard drives [4] • CD-ROM or DVD-ROM optional
NEW **Models 732/7V2**	**Narrow-format, thin-client solution optimized for IBM 4690 OS**	
	• 500 MHz Intel Celeron processor [3] • 32 (732) or 128 MB (7V2) standard (up to 512 MB available [5])	• 20 GB hard drive [4] optional (standard on 7V2)
NEW **Models 733/7V3**	**Wide-format, thin-client solution optimized for IBM 4690 OS**	
	• 500 MHz Intel Celeron processor [3] • 32 (733) or 128 MB (7V3) standard (up to 512 MB available [5])	• 20 GB hard drive [4] optional (standard on 7V3)

IBM SurePOS 700 Series POS Solution at a glance

Model Numbers	IBM SurePOS 730 (4800-732/7V2)	IBM SurePOS 730 (4800-733/7V3)	IBM SurePOS 750 (4800-202)	IBM SurePOS 750 (4800-242)
PCI slots	1 half-sized	1 half-sized	3 half-sized	3 half-sized
Total 3.5” drive bays	2	2	2	3
Hard drive	optional (732) standard (7V2)	optional (733) standard (7V3)	optional	2-optional
Floppy drive	optional	optional	optional	optional
Total 5.25” drive	0	0	1	1
CD-ROM (48X)	0	0	optional	optional
DVD-ROM (16X)	0	0	optional	optional
Ports				
DVI-I Video	1	1	1	1
+12V USB	5	5	7	7
+24V USB	1	1	1	1
+24V (Cash drawer)	2	2	2	2
RJ45 Ethernet	1	1	1	1
P/S 2 Keyboard	1	1	1	1
RS-232	2	2	2	2
Parallel	0	1	1	1
Industry Standards				
Systems management	WfM 1.1 SMBIOS 2.3 WOL PXE 1.1	WfM 1.1 SMBIOS 2.3 WOL PXE 1.1	WfM 1.1 SMBIOS 2.3 WOL PXE 1.1	WfM 1.1 SMBIOS 2.3 WOL PXE 1.1
Power management	APM 1.2 ACPI 1.0	APM 1.2 ACPI 1.0	APM 1.2 ACPI 1.0	APM 1.2 ACPI 1.0
Battery	Optional	Optional	Standard	Standard
Dimensions and Weight				
Dimensions (WxDxH)	319 x 464 x 92mm (12.5” x 18.25” x 3.625”)	435 x 464 x 76mm (17.125” x 18.25” x 3”)	319 x 464 x 133mm (12.5” x 18.25” x 5.25”)	435 x 464 x 125mm (17.125” x 18.25” x 4.94”)
Power requirements	Universal Switched Power Supply, 250 W Max/60 W Typical	Universal Switched Power Supply, 250 W Max/60 W Typical	Universal Switched Power Supply, 370 W Max/85 W Typical	Universal Switched Power Supply, 370 W Max/85 W Typical
Weight without battery with battery	40.37lb/18.35kg 48.95lb/22.25kg	44.55lb/20.25kg 53.13lb/24.15kg	75.35lb/34.25kg	77.55lb/35.25kg

IBM SurePOS 700 Series POS Solution at a glance (continued)

Optional Peripherals

Displays	• IBM SurePoint Solution • USB 40 Character LCD • USB Character/ Graphics Display	• USB 40 Character VFD (1 or 2 sided) • Color CRT Display • Monochrome CRT Display
Printers	• IBM SureMark Printer	
Keyboards	• ANPOS Web-Enabled Keyboard with Pointing Device • USB 50-Key Keyboard with MSR and LCD	• USB ANPOS Keyboard • USB 50-Key Keyboard (with or without MSR) • USB 133-Key Keyboard with MSR
Cash drawers	• Wide	• Compact

Software

Operating systems supported	• 4690 OS V2 R3 or later • Microsoft Windows 2000 (Professional Edition)	• Microsoft Windows 98 (Second Edition) • Linux-enabled [6]
Drivers supported	• JavaPOS for Windows V1.5.0 or later • OPOS V1.4.5 or later	

Services

Limited warranty [7]	• 1 year, onsite service
Technical support	• 24x7 phone support (during warranty period [8]) and Web-based help

1 Support of USB hardware hot-plug and plug-and-play capabilities is OS and device dependent.

2 IBM makes no warranties, express or implied, regarding StoreProven products and services, including any implied warranties of merchantability or fitness for a particular purpose. Statements made by StoreProven partners are provided by the relevant 3rd party company and not IBM.

3 MHz/GHz only measures microprocessor internal clock speed; many factors affect application performance.

4 MB/GB/TB equals one million/billion/trillion bytes when referring to storage capacity; accessibility may be less.

5 More than 512 MB available through special order. System has two PC-133 DIMM sockets.

6 Specific device support coming in 2002.

7 For a copy of the terms and conditions of IBM's statement of limited warranty, please contact your IBM representative or reseller.

8 Response times may vary.

For more information

To learn more about the IBM SurePOS 700 Series and other IBM POS solutions from IBM, please contact your local IBM representative, call IBM Direct at 1 800 IBM-CALL (1 800 426-2255), or visit **ibm.com**/industries/retail/store

Front cover shows Model 733 with IBM SureMark Printer, IBM SurePoint Solution, USB 40-Character VFD and USB ANPOS Keyboard.

Page 2 shows Model 242 with IBM SureMark Printer, IBM SurePoint Solution, USB 40-Character LCD and ANPOS Web-Enabled Keyboard with Pointing Device.

© Copyright IBM Corporation 2001

IBM Corporation
Department C6PA
5601 Six Forks Road
Raleigh, NC 27609

Printed in the United States of America
10-01
All Rights Reserved

® The e-business logo, IBM, the IBM logo, StoreProven, SureMark, SurePoint, SurePOS and Wake on LAN are trademarks or registered trademarks of International Business Machines Corporation in the United States and/or other countries.

® Intel and Celeron are trademarks or registered trademarks of Intel Corporation in the United States and/or other countries

® Microsoft and Windows are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries.

Other company, product and service names may be trademarks or service marks of others.

References in this publication to IBM products or services do not imply that IBM intends to make them available in all countries in which IBM operates. Copying or downloading the images contained in this document is expressly prohibited without the written consent of IBM.

IBM hardware products are manufactured from new parts, or new and used parts. In some cases, the hardware product may not be new and may have been previously installed. Regardless, IBM warranty terms apply.

The IBM home page on the Internet can be found at **ibm.com**

♻ Printed in the United States on recycled paper containing 10% recovered post-consumer fiber.

For Position Only

G580-0566-02