An affordable point-of-sale system that delivers the power, flexibility and reliability you expect from IBM

IBM

IBM SurePOS 300 Series

Exceptional versatility

The IBM SurePOS 300 Series can be configured as a thick-client, standalone solution or a thin-client, centrally controlled workstation. It can run many back-office and POS applications. Powered USB ports allow you to run a receipt printer from the system unit, as well as attach new devices. The system offers a range of stylish peripheral options. You can even add an internal CD-ROM for software loading or training applications.

Reliable, retail-hardened design

Unlike conventional PCs, the IBM SurePOS 300 Series is engineered for on demand retailing and based on proven POS technology from IBM. All its components are designed to work together. This attractive, compact system also features retail-hardened physical packaging that can alleviate problems due to rough handling, dust, dirt, spills and electrostatic shock. The result is longer-lasting equipment with higher uptime, which helps improve customer service.

Highlights

■ **New 2GHz processor and enhanced functionality helps enable cost-effective performance**

■ **Compact system unit takes up very little space**

■ **Open platform and distributed design increases choices for software and peripherals**

■ **Retail-hardened design helps extend equipment life for outstanding investment protection**

Affordable, compact, high-quality system

The IBM SurePOS™ 300 Series delivers the power and performance on demand retailers need at an affordable price. With processor speeds up to 2GHz, this cost-effective point-of-sale (POS) system can easily run the latest POS software. It offers a flexible design, high reliability and the smallest distributed footprint in the IBM portfolio. Plus, it is engineered for user-friendly operation, easy management and convenient service.

ON DEMAND BUSINESS™

The right choice for cost-effective retailing

Four powered and two standard RS-232 ports. One 24V and two 12V powered USB ports, plus two USB ports

Ethernet 10/100 connectivity for fast Internet and store communications

Choice of optional IBM SureMark™ Printers for fast, quiet thermal printing

Serial ATA hard drive delivers speeds of 7,200 revolutions per minute for improved application performance (model dependent)
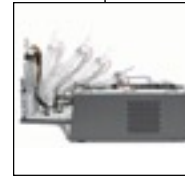
Internal CD-ROM for easy software loading (optional)

Customer display helps keep shoppers engaged (optional)

IBM SurePoint™ Solution serves as a full-color operator display or infrared touchscreen interface (optional)

Range of keyboards including Compact Alpha-numeric POS (CANPOS), Alphanumeric POS (ANPOS) and 50-key USB for specialty, grocery and other retail environments

Front access to headphone port as well as integrated sound features for multimedia applications

Top cover requires simple tool for removal, which helps improve security without compromising ease of service

Dependable investment protection

The IBM SurePOS 300 Series offers high value, low total cost of ownership and excellent investment protection. Its long sales and service lifecycle improves access to parts and upgrades. Its configuration will stay unchanged for 18 to 24 months, so you can deploy a consistent platform across the enterprise. You can even add new capabilities without replacing your peripherals.

Flexible, open platform

The IBM SurePOS 300 Series features an open platform and broad operating system support. So you can keep the software you use today, as well as choose from a broad portfolio of new POS software, including Ready for IBM Retail Store Innovations solutions developed by independent software vendors and pretested for use with IBM POS technologies.[1]

The right partner for retail

When you work with IBM or an authorized IBM Business Partner, you have one convenient point of contact for everything you need. IBM knows the retail industry, and we understand how POS technology differs from conventional PCs. We also specialize in face-to-face service and user-friendly technical support – something IBM and IBM Business Partners have delivered to retailers for over 30 years.

NEW	Model 330	Thin-client solution
		• No storage media

NEW	Model 33H	Thick-client solution
		• 40GB[2] hard disk drive

IBM SurePOS 300 Series at a glance

Hardware	Models 320/32C/32H/W2H	Models 330/33H
Processor[3]	• VIA C3® 1.2GHz	• Intel® Celeron® 2GHz
Video memory	• 4MB Unified Memory Architecture (UMA) (8MB UMA can be defined)	• 32MB UMA (64MB UMA can be defined)
Memory[4]	• 256MB SDRAM (expandable to 512MB)	• 256MB DDR (expandable to 2GB)
Ports	• Video display (SVGA), Ethernet, powered RS-232 (2), RS-232 (4),USB (4), PS/2® keyboard, PC mouse, headphone, microphone in, line out, cash drawer	• Video display (SVGA), Ethernet, powered RS-232 (4), RS-232 (2),24V USB (1), 12V USB (2), PC USB (2), PS/2 keyboard, PC mouse, parallel, headphone, microphone in, line out, cash drawer
Drive options	• External CD ROM • External FDD	• Internal CD ROM • External CD ROM • External FDD
Slots	• One half-size PCI adapter slot	• One half-size PCI adapter slot
Dimensions (WxDxH)	• 11.8 ” x 8.5 ” x 3.6 ” (300mm x 216mm x 90mm)	• 12.8 ” x 10.0 ” x 4.4 ” (325mm x 255mm x 111mm)
Weight	• 8lbs (3.6kg)	• 15.1lbs (6.8kg)
Power consumption	• 35W typical, 100W maximum	• 60W typical, 200W maximum
Optional peripherals		
Displays	• IBM SurePoint Solution • Distributed 40-character display • Distributed character graphics display (AP only)	• IBM SurePoint Solution • Distributed 40-character display • Distributed character graphics display (AP only)
Printers	• IBM SureMark Printer • Fiscal printers (ask your local representative for details)[5]	• IBM SureMark Printer • Fiscal printers (ask your local representative for details)[5]
Keyboards	• CANPOS Keyboard • CANPOS Keyboard with MSR • Access keyboard (EMEA only)	• PS/2 CANPOS and ANPOS keyboards • USB 50-key and ANPOS keyboards • Access keyboard (EMEA only)
Cash drawers[6]	• Compact • Full-size • Flip-top	• Compact • Full-size • Flip-top
Software		
Operating systems supported[7]	• IBM Retail Environment for SUSE LINUX • Microsoft® Windows® Embedded for Point of Service • Microsoft Windows XP Professional Edition (Preload W2H) • Microsoft Windows XP Embedded[8] • Microsoft Windows 2000 • DOS 2000	• IBM Retail Environment for SUSE LINUX • Microsoft Windows Embedded for Point of Service • Microsoft Windows XP Professional Edition with Service Pack 2 • Microsoft Windows XP Embedded[8] with Service Pack 2 • Microsoft Windows 2000 • DOS 2000
Drivers supported	• OPOS 1.7.0 • JavaPOS™ 1.7.0	• UPOS 1.7.5 (includes OPOS and JavaPOS)
Management tools	• IBM Director 3.2 or higher • IBM Remote Management Agent	• IBM Director 3.2 or higher • IBM Remote Management Agent

IBM SurePOS 300 Series at a glance (continued)

Industry standards

Systems management[9]	• Wired for Management (WfM) 1.1 • SMBIOS 2.3 • Preboot Execution Environment (PXE) 2.0 • Wake on LAN® (WOL)
Power management[9]	• Advanced Power Management (APM) 1.2 • Advanced Configuration and Power Interface (ACPI) 1.0

Services

Limited warranty[10]	• One year
ServicePac	• One and two additional years available
Service life	• Up to seven years after withdrawal from market
Technical support[11]	• 24x7 phone support (during warranty period, response times may vary; may exclude some holidays) and Web-based help • Both depot and onsite service are available

[1] IBM is not the licensor of any Business Partner's product or service and makes no warranties, expressed or implied, any implied warranties of merchantability or fitness of a particular purpose. Statements made by IBM Business Partners that offer Ready for IBM Retail Store Innovations products are provided by the relevant third-party and not IBM.

[2] MB/GB equals one million/billion bytes when referring to storage capacity; accessibility may be less.

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

[4] Memory supports both system and video. Accessible system memory will be the installed memory size less the amount defined for video.

[5] Only available in some countries. Ask your IBM representative for details.

[6] Cash drawer connects through an IBM SureMark Printer, which must be purchased separately.

[7] With the exception of model W2H, an operating system is not included and can be purchased separately.

[8] IBM will provide hardware support for customers who create unique Windows XP Embedded images within the term of offering. Field problems for XP Embedded will need to be recreated under Windows XP Professional.

[9] No battery option available.

[10] For a copy of terms and conditions of IBM's Statement of Limited Warranty, please contact your local IBM representative or reseller.

[11] Geography dependent.

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For more information

To learn more about the IBM SurePOS 300 Series and other IBM POS solutions, contact your local IBM representative or find us on the Web at:

ibm.com/industries/retail/store

Front cover and page 2 show an IBM SurePOS 300 with optional 12" SurePoint Solution display, optional SureMark Printer (model IF6, single-station) and optional CANPOS Keyboard.

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