

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



IBM SurePOS 300 Series



Highlights

- ***Compact system unit takes up very little real estate***
- ***Open platform and distributed design increase choices for software and peripherals***
- ***Thin-client or thick-client configuration maximizes opportunities for functionality***
- ***Retail-hardened design extends equipment life for outstanding investment protection***

Quality and affordability

The IBM SurePOS™ 300 Series delivers the power and performance retailers expect from IBM – at a remarkably affordable price. This cost-effective system features fast processing, a flexible design and high reliability. It can easily run the point-of-sale (POS) software of today, as well as emerging applications for customer loyalty, e-commerce, centralized management and other e-business initiatives. The SurePOS 300 Series also has the smallest footprint in the IBM portfolio, so it fits neatly under a counter or in areas where space is limited.

Unexpected versatility

The SurePOS 300 Series can be configured as a thick-client, standalone solution, or as a thin-client workstation that can be centrally controlled. Versatile enough to handle back-office and POS applications, you can use it virtually anywhere in the store. Full-motion video and audio enable you to take advantage of multimedia or computer-based training applications. In addition, you can choose from a wide range of optional stylish POS peripherals, all designed to work together and available from a single vendor.

Reliable, retail-hardened design

The SurePOS 300 Series is engineered specifically for retail environments, and is based on proven POS technology from IBM. Its physical packaging and internal components are retail-hardened to withstand rough handling and frequent exposure to dust, dirt, spills and electrostatic shock. That means higher uptime – which improves customer service – and longer-lasting equipment.

The right choice for cost-effective retailing



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

Ethernet 10/100 connectivity for fast Internet and store communications

Four USB ports

Thin-client (CompactFlash, or no storage media) or thick-client (hard disk) platform

Standard and powered RS-232 ports

Compact footprint conserves counter space



IBM SurePoint™ Solution is offered as a full-color operator display or touchscreen interface, while the customer display keeps shoppers engaged (optional)

Compact Alphanumeric POS (CANPOS) Keyboard features 32 programmable keys and a separate numeric keypad (optional)

Dependable investment protection

The SurePOS 300 Series has a long sales and service lifecycle, ensuring better access to parts and upgrades. Its industry-standard platform lets you keep the software you use today. And its configuration will stay unchanged for 18 to 24 months, so you can deploy a consistent platform across the enterprise and take advantage of centralized management more easily. You can even add new capabilities without replacing your peripherals.

Wide range of software

The SurePOS 300 Series features an open platform and broad operating system support, which enables retailers to choose from a broad portfolio of 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 320	Value solution
		<ul style="list-style-type: none"> No storage media
NEW	Model 32C	Thin-client solution
		<ul style="list-style-type: none"> 128MB² compact flash
NEW	Model 32H/W2H	Thick-client solution
		<ul style="list-style-type: none"> 40GB² hard disk drive Microsoft® Windows® XP Professional Preload (W2H)³

IBM SurePOS 300 Series at a glance

Hardware	Models 310/31C/31H	Models 320/32C/32H/W2H
Processor ⁴	<ul style="list-style-type: none"> VIA C3® 866MHz 	<ul style="list-style-type: none"> VIA C3 1.2GHz
Video memory	<ul style="list-style-type: none"> 4MB UMA (8MB UMA can be defined) 	<ul style="list-style-type: none"> 4MB UMA (8MB UMA can be defined)
Memory ⁵	<ul style="list-style-type: none"> 128MB (expandable to 512MB) 	<ul style="list-style-type: none"> 256MB (expandable to 512MB)
Ports	<ul style="list-style-type: none"> Video display (SVGA), Ethernet, powered RS-232 (2), RS-232 (2), USB (4), parallel, PS/2® keyboard, PC mouse, headphone, microphone in, line out 	<ul style="list-style-type: none"> 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
Slots	<ul style="list-style-type: none"> One half-size PCI adapter slot 	<ul style="list-style-type: none"> One half-size PCI adapter slot
Dimensions (WxDxH)	<ul style="list-style-type: none"> 11.8" x 8.5" x 3.6" (300mm x 216mm x 90mm) 	<ul style="list-style-type: none"> 11.8" x 8.5" x 3.6" (300mm x 216mm x 90mm)
Weight	<ul style="list-style-type: none"> 8lbs (3.6kg) 	<ul style="list-style-type: none"> 8lbs (3.6kg)
Power consumption	<ul style="list-style-type: none"> 35W typical, 100W maximum 	<ul style="list-style-type: none"> 35W typical, 100W maximum

Optional peripherals

Displays	<ul style="list-style-type: none"> IBM SurePoint Solution Distributed 40-character display Distributed character graphics display (AP only) 	<ul style="list-style-type: none"> IBM SurePoint Solution Distributed 40-character display Distributed character graphics display (AP only)
Printers	<ul style="list-style-type: none"> IBM SureMark Printer Fiscal printers (ask your local representative for details)⁶ 	<ul style="list-style-type: none"> IBM SureMark Printer Fiscal printers (ask your local representative for details)⁶
Keyboards	<ul style="list-style-type: none"> CANPOS Keyboard CANPOS Keyboard with MSR Access keyboard (EMEA only) 	<ul style="list-style-type: none"> CANPOS Keyboard CANPOS Keyboard with MSR Access keyboard (EMEA only)
Cash drawers ⁷	<ul style="list-style-type: none"> Compact Full-size 	<ul style="list-style-type: none"> Compact Full-size

Software

Operating systems supported ⁸	<ul style="list-style-type: none"> Microsoft Windows XP Microsoft Windows XP Embedded⁹ Microsoft Windows 2000 IBM Retail Environment for SUSE LINUX DOS 2000 	<ul style="list-style-type: none"> Microsoft Windows XP Professional Edition (Preload W2H)³ Microsoft Windows XP Embedded⁹ Microsoft Windows 2000 IBM Retail Environment for SUSE LINUX DOS 2000
Drivers supported	<ul style="list-style-type: none"> OPOS 1.5.0 JavaPOS™ 1.5.1 	<ul style="list-style-type: none"> OPOS 1.7.0 JavaPOS 1.7.0
Management tools	<ul style="list-style-type: none"> IBM Director 3.1 	<ul style="list-style-type: none"> IBM Director 3.2 or higher

Industry standards

Systems management ¹⁰	<ul style="list-style-type: none"> Wired for Management (WfM) 1.1 SMBIOS 2.3 Preboot Execution Environment (PXE) 2.0 Wake on LAN® (WOL) 	<ul style="list-style-type: none"> WfM 1.1 SMBIOS 2.3 PXE 2.0 WOL
Power management ¹⁰	<ul style="list-style-type: none"> Advanced Power Management (APM) 1.2 Advanced Configuration and Power Interface (ACPI) 1.0 	<ul style="list-style-type: none"> APM 1.2 ACPI 1.0

IBM SurePOS 300 Series at a glance (continued)



Services

Limited warranty ¹¹	<ul style="list-style-type: none">• One year
Service life	<ul style="list-style-type: none">• Up to seven years after withdrawal from market
Technical support ¹²	<ul style="list-style-type: none">• 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 this Business Partner's product or service and makes no warranties, expressed or implied, including 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 Microsoft Windows XP Professional Preload with restrictive use described in the End User License Agreement.

⁴ MHz/GHz only measures microprocessor internal clock speed; many factors affect application performance.

⁵ Memory supports both system and video. Accessible system memory will be the installed memory size less the amount defined for video.

⁶ Only available in some countries. Ask your IBM representative for details.

⁷ Cash drawer connects through an IBM SureMark Printer, which must be purchased separately.

⁸ With the exception of model W2H, an operating system is not included and can be purchased separately.

⁹ IBM will provide hardware support for customers who create unique Windows XP Embedded images. Field problems for XP Embedded will need to be recreated under Windows XP Professional.

¹⁰ No battery option available.

¹¹ For a copy of terms and conditions of IBM's Statement of Limited Warranty, please contact your local IBM representative or reseller.

¹² Geography dependent.

© Copyright IBM Corporation 2004
All Rights Reserved.

IBM Corporation
PO Box 12195
3039 Cornwallis Road
Research Triangle Park
NC 27709

Printed in the United States of America
06-04

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 will continue to enhance products and services as new technologies emerge. Therefore, IBM reserves the right to alter specifications and other product information without prior notice. Please contact your IBM marketing representative or an authorized reseller for information on specific standard configuration and options.

IBM assumes no responsibility or liability for any use of the information contained herein. Nothing in this document shall operate as an express or implied licence or indemnity under the intellectual property rights of IBM or third parties. No warranties of any kind including but not limited to the implied warranties of merchantability or fitness for a particular purpose are offered in this document.

© The e (logo), e-business on demand, the e (logo) business on demand lockup, IBM, the IBM logo, PS/2, the Ready for IBM Retail Store Innovations Mark and the trademarks contained therein, SureMark, SurePoint, SurePOS and Wake on LAN are trademarks of International Business Machines Corporation in the United States, other countries, or both.

™ All Java-based trademarks are trademarks of Sun Microsystems, Inc. in the United States, other countries, or both.

© Microsoft and Windows are registered trademarks of Microsoft Corporation, in the United States, other countries, or both.

© VIA C3 is a registered trademark of VIA Technologies.

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

¹ The IBM home page on the Internet can be found at **ibm.com**

For more information

To learn more about the IBM SurePOS 300 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.