

The integrated point-of-sale (POS) system for retailers who demand exceptional value and lasting performance



IBM SurePOS 100



IBM SurePOS 100 Model 118

Highlights

- ***Integrated yet flexible design lets retailers customize the system without complex integration***
- ***IBM retail hardened system helps increase reliability and reduce total cost of ownership***
- ***Innovative features include eco-friendly architecture and space-saving footprint***

Powerful and affordable

The IBM SurePOS™ 100 is a fully integrated POS system engineered for smaller retailers that need the same reliability and performance as large, global organizations and demand exceptional value. Its 2 GHz VIA C7 processor provides the power to run today's off-the-shelf and customized software applications for front-end and back-office functions, including checkout and inventory control. Yet, the energy-efficient processor helps reduce power consumption to help lower total cost of ownership.

Integrated yet flexible design

The IBM SurePOS 100 delivers a unique balance of all-in-one design and flexibility. Retailers have a choice of displays, printers and cash drawers, as well as an internal CD-ROM. Standard and powered ports connect new and existing peripherals, enabling you to create a cost-effective configuration. You can meet your stores' needs, without putting together unproven solutions from multiple vendors.

The compact, retail-hardened system is easy to install and incorporates the technology retailers need to manage operations in convenience, grocery, specialty and other environments, including enterprise class systems management through Remote Management Agent.

Strong investment protection

Over 30 years' retail experience goes into designing and manufacturing the IBM SurePOS 100 to help insure each system provides long-lasting service.

IBM SurePOS 100 features



SurePOS 100 Model 118 with compact cash drawer option

This rugged POS is built to withstand dust, dirt, vibrations, electrostatic shock and fluctuations in temperature and humidity. IBM retail hardening minimizes downtime and maintenance. Plus, unlike many PC-based POS systems, the SurePOS 100 has an extended marketing life of at least 24 months which helps simplify servicing and upgrading the system while helping to reduce total cost of ownership.

Open platform support

IBM is dedicated to delivering open platform solutions with broad operating system support. That is why the IBM SurePOS 100 supports

Windows®, SUSE Linux®¹ and DOS operating environments—to help maximize your choice of POS applications from IBM Business Partners.

The right partner for retail

When you work with 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.

Model 118 Standard system

10.4" active matrix color LCD

- 96-key programmable matrix keyboard
- 256 MB DDR2 standard memory
- 80 GB hard disk drive
- 1 half-size PCI adapter slot

Model 108 Value system

9" monochrome CRT

- 96-key programmable matrix keyboard
- 256 MB DDR2 standard memory
- 80 GB hard disk drive
- 1 half-size PCI adapter slot

IBM SurePOS 100 at a glance

Hardware

Processor	VIA C7@ 2 GHz
Hard disk drive	80 GB ² (or larger)
Media drive	Optional CD-ROM
Memory	256 MB DDR2 (expandable to 1 GB)
Video Memory	Selectable 16, 32, or 64 MB UMA
Display resolution	800 x 600
Slots	1 half-size PCI adapter slot ³
Ports	Video (SVGA), RS-232 (2), Powered RS-232 (2), USB (2), 12-volt Powered USB (1), Front-access USB (1), PS/2 keyboard, PC mouse, Ethernet, cash drawer
Dimensions (WxDxH)	Model 118: 15" x 19.7" x 14.7" (382 mm x 502 mm x 358 mm) Model 108: 15" x 19.7" x 14.7" (382 mm x 502 mm x 360 mm)
Weight	Model 118: 23.5 lbs (10.6 kg) Model 108: 27.8 lbs (12.6 kg)
Power Consumption	75 W typical, 40 W standby ⁴

Software

Operating systems supported	<ul style="list-style-type: none">• Microsoft® Windows 2000• Microsoft Windows XP⁵ Professional• SUSE Linux⁶• PC DOS 2000
Drivers supported	OPOS 1.9.x

Peripheral options

Operator displays	10.4" active matrix color LCD (model 118) 9" monochrome CRT (model 108)
Customer display (optional)	2x20 vacuum fluorescent display (VFD) 1x11 LED display
Printers	Default configuration is printerless 40-column thermal printer (optional) 40-column impact printer (optional)
Keyboard	Programmable 96-key alphanumeric matrix keyboard with three-position keylock
Magnetic stripe reader	3-track MSR (default track 2/3, configurable for 1/2)
Cash drawers (optional)	Compact Full-size ⁷

Industry standards

System management	SMBIOS 2.4 Preboot Execution Environment (PXE) 2.0 IBM Wake on LAN® (WOL)
Power management ⁸	Advanced Power Management (APM) 1.2 Advanced Configuration and Power Interface (ACPI) 1.0

Services—see Chart 1 for specific services by model

Limited warranty ⁹	One year, onsite service
Technical support	24x7 phone support and Web-based help
Service Life	Up to seven years after withdrawal from market

For more information

To learn more about the IBM SurePOS 100 and other IBM POS solutions, contact your local IBM sales representative or IBM Business Partner or visit:

ibm.com/products/retail

To place an order, call 1 800 IBM CALL (1 800 426-2255) or 1 770 863-1000 outside the U.S and Canada.



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Printed in the United States of America
August 2007

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

¹ IBM intends to begin support of SUSE Linux on SurePOS 100 in the first half of 2008

² MB/GB/TB equals one million/billion/trillion bytes when referring to storage capacity; accessibility may be less

³ PCI expansion capability requires installation of the PCI Riser Card feature.

⁴ 40W standby with display off. 60W standby with display on

⁵ IBM will provide hardware support only (not operating system support) for customers who create unique Windows XP Embedded images. Field problems for XP Embedded will need to be recreated under Windows XP Professional in order for IBM to resolve them.

⁶ SUSE Linux is distributed by Novell, Inc.

⁷ This feature may not be available in all geographies. Consult your local IBM business contact for information on the product or services available in your area.

⁸ No battery option available

⁹ For a copy of the terms and conditions of IBM's Statement of Limited Warranty, please contact your IBM representative or authorized reseller