

Improve the customer experience with the integrated point-of-sale that delivers exceptional value and lasting performance



IBM SurePOS 100 Express



IBM SurePOS 100 Express 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 Express is an all-in-one system for small to mid-sized businesses that need the same reliability and performance from their point-of-sale as larger companies, and demand exceptional value. The space-saving POS delivers the power to run today's off-the-shelf and customized software applications for front-end and back-office functions, including check-out 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 Express 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 Express to help insure each system provides long-lasting service. This rugged POS is built to withstand dust, dirt, vibrations,

IBM SurePOS 100 Express features



IBM SurePOS 100 Express Model 118 with compact cash drawer option

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 Express 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 standards-based architecture

IBM is dedicated to delivering open platform solutions with broad operating system support. That is why the IBM SurePOS 100 Express offers not only models pre-configured with Microsoft® Windows® Embedded for Point of Service and DOS operating environments, but also models enabled for Microsoft Windows 2000, Microsoft

Windows XP¹ Professional and SUSE Linux®²—to help maximize your choice of POS applications from IBM Business Partners.

The right partner for retail

Authorized IBM Business Partners deliver the customized software and services small and mid-sized businesses 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/E18* 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
- WEPOS Operating System preload*

Model 108/E08* 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
- WEPOS Operating System preload*

* Note: The model designation of E18 and E08 are used to order the SurePOS 100 Express with the WEPOS Operating System preload. All other features and functions are the same as the model 118 and 108 respectively.

IBM SurePOS 100 Express features

IBM SurePOS 100 Express at a glance

Hardware

Processor ³	VIA C7@ 2 GHz
Hard disk drive ⁴	80 GB (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 ⁵	1 half-size PCI adapter slot
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/E18: 15" x 19.7" x 14.7" (382 mm x 502 mm x 358 mm) Model 108/E08: 15" x 19.7" x 14.7" (382 mm x 502 mm x 360 mm)
Weight	Model 118/E18: 23.5 lbs (10.6 kg); Model 108/E08: 27.8 lbs (12.6 kg)
Power Consumption ⁶	75 W typical, 40 W standby

Software

Operating systems supported	<ul style="list-style-type: none">• Microsoft Windows 2000• Microsoft Windows XP Professional¹• SUSE Linux²• Microsoft Windows Embedded for Point of Service (Model E08⁸ and Model E18) Upgrades are available for Microsoft Windows XP for Embedded Systems• PC DOS 2000 (preloaded on Model 108 and Model 118)
Drivers supported	OPOS 1.9.x

Peripheral options

Operator displays	10.4" active matrix color LCD (model 118/E18); 9" monochrome CRT (model 108/E08)
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) ⁷	Compact; Full-size

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
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



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For more information

To learn more about the IBM SurePOS 100 Express and other IBM POS solutions, contact your local IBM sales representative or IBM Business Partner or visit ibm.com/businesscenter/retail.

To place an order, call 1-877-IBM-ACCESS (426-2223) or 1-770-863-1000 outside the U.S and Canada.

¹ 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.

² SUSE Linux is distributed by Novell, Inc. IBM intends to begin support of SUSE Linux on SurePOS 100 in 3Q of 2009.

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

⁶ 40W standby with display off. 60W standby with display on.

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.

¹⁰ Client Financing for HW/SW/Services with low monthly IBM rates

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