The ultimate point-of-sale solution for your dynamic business. Unparalleled performance, manageability and adaptability— now and into the future

IBM

IBM SurePOS 700 Series

SurePOS 700 Model 784 with 15" SurePoint display, SureMark dual station printer, ANPOS keyboard with pointing device, 2X20" customer display and integration tray

---

Highlights

- *NEW! Superior Intel® technology for higher performance to handle the most advanced applications with blazing speeds*

- *NEW! Enhanced graphics for training videos and for compelling customer-facing marketing*

- *NEW! More energy savings – 15 to 30 percent more energy efficient[1]*

- *Unique, easy-to-wake deep sleep saves another 47 percent on energy costs[2]*

- *Tool free, front entry access reduces service time and cost*

- *IBM Remote Management Agent enables system and device management from a central location*

Elevate customer service like never before

The IBM SurePOS™ 700 is the industry's premier point-of-sale solution for enabling high-quality business applications and services while reducing costs and complexity. Designed for retail, the IBM SurePOS 700 has the muscle for fast transactions and the brains to deliver unparalleled value.

Now 20 to 30 percent higher performance

Streamline operations and lower costs

The intelligent system features IBM Light-Path Management visual indicators that proactively monitor system status and IBM Remote Management Agent (RMA) to provide systems management locally or remotely. Tool-free serviceability and front access allow simple parts replacement to be made easily by authorized store employees or trained personnel, reducing service costs.

Highly efficient Intel processors mean new models speed checkout while enabling advanced business applications. New models are also substantially

more energy efficient. And with deep sleep automation, power savings improve another 47 percent.

New IBM SurePOS 700 systems save 15 to 30 percent more energy

Maintain data while mitigating risk
Built-in features on the IBM SurePOS 700 enable hardware encryption and physical system security. An optional biometric fingerprint reader on modular keyboards prevents unauthorized access. The instrumented solution allows retailers to install security patches, software updates, firmware levels and BIOS updates automatically by leveraging RMA. More world-class security and data privacy solutions are available through IBM and Business Partners, as well as the National Retail Services Center (NRSC).
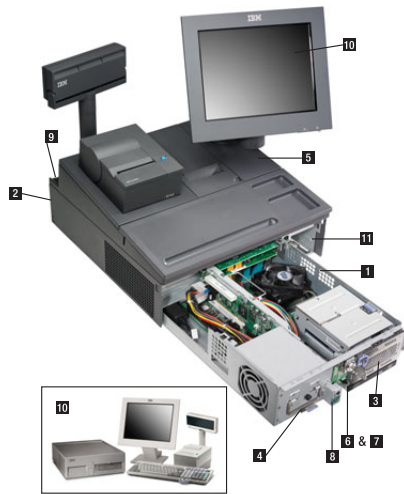
Future-ready so your enterprise can adapt, extend and grow, securely and nondisruptively, the modular, convertible design and standards-based platform make the flagship system totally flexible and easily upgradeable. Retail hardened construction and availability of IBM service up to seven years after market withdrawal insure high uptime and long-term reliability.

SurePorts	Optional top row			
	Base	**Powered USB**	**RS-485**	**RS-232**
Cash drawer	2			
Powered USB 2.0 (12 V)[3]	2	5		
Powered USB 2.0 (24 V)[4]	1			
RS-485 port 5 keyboard			1	
RS-485 port 4 customer display			1	
RS-485 port 7 printer			1	
RS-485 port 9 customer display/scanner	1		1	
Powered RS-232 (12 V or 5 V)				3

Peripheral options[5]

Displays	IBM SurePoint™ (touch/nontouch), USB, RS-485 and RS-232 40-character and character/graphics displays
Printers	IBM SureMark™ Printer, IBM 4689-TD5 SurePOS printer, IBM Fiscal printers
Keyboards	USB and PS/2 modular 67-key, ANPOS, and Compact ANPOS; USB and RS-485 50-key
Cash drawers	Full-size, compact and flip-top
Integration trays	System unit, table-top, and cash drawer slant top trays

IBM SurePOS 700 Series at a glance

Product name	SurePOS 720	SurePOS 740		SurePOS 780	
Model number	723, E23	743, E43	C43	**NEW!** 784, E84	C84
Processor[6]	VIA C7D (2.0 GHz)	Intel Celeron® 440 (2.0 GHz)		Intel Pentium® Dual Core E5300 (2.6 GHz) or Intel Core 2 Duo E7400 (2.8 GHz)	
Hard disk drive[7]	80 GB option (standard on E22)	80 GB (standard on E43)	80 GB standard	250 GB standard	
System memory[8]	256 MB (2 GB max)	512 MB (4 GB max)		1 GB (8 GB max)	
Video memory	64 MB (maximum)	256 MB (max) (shared with system memory)		256 MB (max) (shared with system memory)	
NVRAM	128 KB				
PCI slot	1 PCI, 1 PCI Express standard				
Second hard disk drive	80 GB			250 GB	
DVD burner	Internal optional		Internal DVD optional	Internal option	Internal standard
Battery backup	Internal UPS (wide only)				
IBM SurePorts	See "IBM SurePorts" chart for connectivity options. C43 and C84 controller models do not include SurePorts.				
Front ports	-1 12 V USB, 1 headphone				
Back ports	2 PC USB, 4 RS-232, 1 PS/2 keyboard, 1 PS/2 mouse, Audio mic-in, Audio line out, headphone, 1 RJ45 Ethernet 10/100/1000, 2 VGA				
Systems management	SMBIOS, Wake on LAN, PXE, Wired for Management				
Power management[9]	Deep sleep automation, ACPI				
Dimension (W x D x H)	Narrow: 320 x 475 x 117.3 mm (12.6 x 18.7 x 4.62"), Wide: 435 x 475 x 117.3 mm (17.4 x 18.7 x 4.62")				
Weight	Narrow: 11.4 kg (25 lbs); Wide: 13.2 kg (29 lbs); Wide with UPS: 19.1 kg (42 lbs)				
Power supply	80% Universal Switched Power Supply (47 - 63 Hz), 90 W typical/250 W maximum				
Operating system supported[10]	IBM 4690 OS, V6; IBM 4690 OS, V6 R2 Enhanced (midyear 2010); SUSE Linux Enterprise Point of Service 11, with SUSE Linux Enterprise Server 11 SP1; Microsoft Windows Embedded POSReady 2009; Microsoft Windows Embedded for Point of Service V1.1; Microsoft Windows XP Professional Edition with Service Pack 3; PC DOS 2000; Microsoft Windows 7 Professional (midyear 2010 except 723, E23), Microsoft Windows 7 Ultimate (midyear 2010 except 723, E23).				
Drivers supported	UPOS 1.12.1 or higher (includes OPOS, JavaPOS™)				
Applications supported	IBM SurePOS ACE for 4690 OS; IBM General Sales Application; IBM 4680-4690 Supermarket Application; customized IBM applications; IBM Business Partner software solutions				
Management tools	IBM Remote Management Agent			IBM Director	
Limited warranty[11]	One-year onsite service. Up to two year additional service available				
Technical support[12]	Techline Web-based help				
Service availability	Up to seven years following withdrawal from the market				

1. Efficient processor choices, including Intel Core 2 Duo, handle the latest applications at blazing speeds
2. Dual video display capability and enhanced graphics deliver a superior customer experience
3. Front vents promote airflow and minimize moving parts to reduce heat and help keep systems up and running
4. Virtually tool-free design, cable arm and secure key lock front access to all components help reduce service time and costs
5. Built in power management and deep sleep help minimize environmental impact and lower energy cost
6. Light-Path Management's visual indicators proactively monitor system status and help avoid downtime

7. Remote management enables monitoring of environmental variables for proactive servicing and maintenance to eliminate downtime
8. Front access to powered USB and headphone ports for easy device attachment
9. Selectable and upgradeable SurePorts enable retailers to use existing devices and connect customer or employee devices
10. Choose distributed or integrated configurations in choice of color with color-matched peripherals (all optional)
11. UPS allows you to complete transactions in case of power outage

For more information

To learn how the IBM SurePOS 700 can make your business more dynamic and resilient, please contact your local IBM representative or visit:

ibm.com/products/retail

All statements regarding IBM's future direction and intent are subject to change or withdrawal without notice, and represent goals and objectives only.

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

[1] Dacapo XP benchmark comparing model 784 to previous model 783

[2] Deep sleep is defined as "suspend to RAM" (random access memory), meaning the power supply is in a reduced power mode

[3] A single POS printer can be plugged in and operational

[4] 24 V available in Japan

[5] Not all peripherals are available in all countries. Please contact your local IBM representative for details

[6] GHz refers to only microprocessor internal clock speed; many factors affect application performance

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

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

[9] Power management functionality is device-dependent

[10] Microsoft Embedded preload standard on E23, E43 and E84. On other models an operating system is not included but can be purchased separately

[11] Terms may vary by country. For a copy of the terms and conditions of IBM's Statement of Limited Warranty, please contact your IBM representative or reseller

[12] Technical support response times may vary

Recyclable, please recycle.

RTD03004-USEN-04