A fully integrated, cost-effective system designed to handle retail point-of-sale (POS) and back-office applications

IBM SureOne

Powerful, all-in-one performance

The IBM SureOne® is an affordable, integrated POS platform specifically engineered to meet the needs of budget-conscious and space-limited retailers. Its socketed 866 MHz processor and upgradable memory provide the computing power needed to run off-the-shelf or customised software for checkout, inventory control, and other essential functions. Its compact, retail-hardened design incorporates all the equipment retailers need to manage a thriving business – making the SureOne a smart choice for retailers worldwide, from corner shops to grocery shops to specialty shops.

Flexible configurations

The SureOne enables retailers to create a custom configuration without compromising the budget. Start with a basic keyboard and MSR, then choose from a colour LCD or monochrome CRT display, and one of three printer options – thermal, impact or printerless. Round out the setup with a customer display and cash drawer. Then use the RS-232 and USB ports to connect scanners, PIN pads and other peripherals.
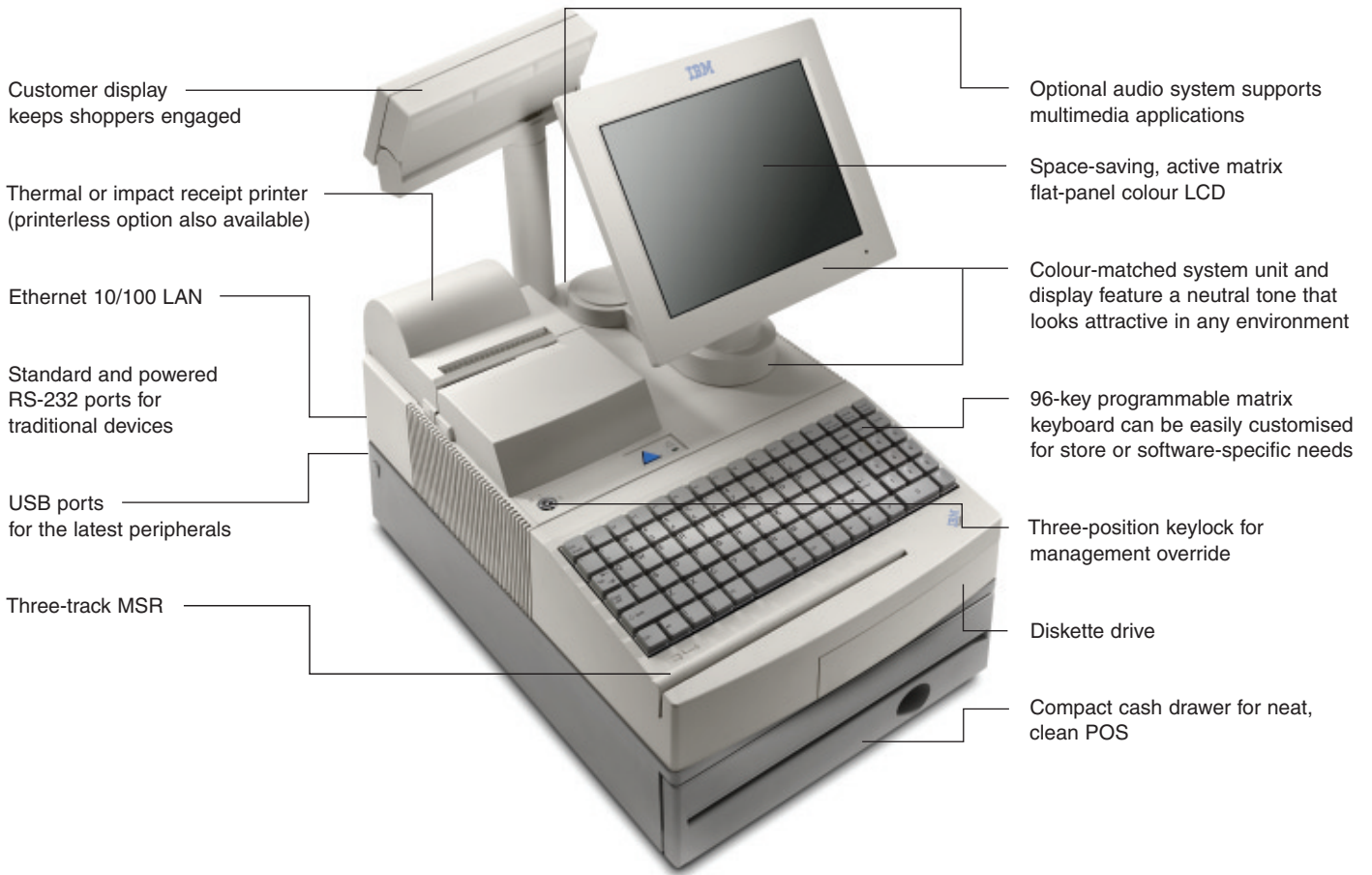
Strong investment protection

The SureOne provides exceptional uptime in harsh retail environments to withstand fluctuations in temperature and humidity, dust and dirt, vibrations and electrostatic shock. High reliability helps to reduce downtime and minimises maintenance, both of which protect your investment. And its configuration will remain unchanged for 18 to 24 months, which makes service, technical support and upgrades much easier.

Broad software offering

An open platform and broad OS support let you choose from a wide range of StoreProven™ POS applications from IBM Business Partners. These applications have been tested to work with the SureOne – just look for the StoreProven emblem to find the right one for your store.[1]

Essential features for profitable retailing

Customer display
keeps shoppers engaged

Thermal or impact receipt printer
(printerless option also available)

Ethernet 10/100 LAN

Standard and powered
RS-232 ports for
traditional devices

USB ports
for the latest peripherals

Three-track MSR

Optional audio system supports
multimedia applications

Space-saving, active matrix
flat-panel colour LCD

Colour-matched system unit and
display feature a neutral tone that
looks attractive in any environment

96-key programmable matrix
keyboard can be easily customised
for store or software-specific needs

Three-position keylock for
management override

Diskette drive

Compact cash drawer for neat,
clean POS

NEW	**Model A05**	**Standard system**	
		• 10" active matrix colour LCD	• 64 MB standard memory
		• 40 GB hard disk drive	• 1 half-size PCI adapter slot
NEW	**Model A04**	**Value system**	
		• 9" monochrome CRT	• 64 MB standard memory
		• 40 GB hard disk drive	• 1 half-size PCI adapter slot

IBM SureOne at a glance

Hardware

Processor	• VIA C3® 866 MHz
Memory	• 64 MB (expandable to 512 MB)
Video memory	• 4 MB UMA (8 MB UMA can be defined)
Display resolution	• 800 x 600 resolution (A05 only)
Hard disk drive	• 40 GB[2] (or larger)
Floppy drive	• 1.44 MB
Ports	• Customer display, video (SVGA), RS-232, powered RS-232, USB (2), parallel, PS/2 keyboard, PC mouse, Ethernet, cash drawer
Slot	• 1 half-size PCI adapter slot
Dimensions (HxWxD)	• A04: 14" x 15" x 19.7" (358 mm x 382 mm x 502 mm)[3] • A05: 14.2" x 15" x 19.7" (360 mm x 382 mm x 502 mm)[4]
Weight	• A04: 39.7 lbs (18 kg) • A05: 35 lbs (15.9 kg)
Power consumption	• 75 W typical, 40 W standby[5]

Peripherals

Operator displays	• 9" monochrome CRT (A04) • 10" colour active matrix LCD (A05)
Customer display (optional)	• 2x20 vacuum fluorescent display
Printers	• 40-column thermal printer • 40-column impact printer • Printerless configuration also available
Keyboards	• 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[6]
Additional options	• Journal take-up reel • Audio system[7]

Software

Operating systems supported	• Microsoft® Windows NT® 4.0 • Microsoft Windows® 98, 2000 • Microsoft Windows XP • Microsoft Windows XP Embedded[8] • Linux (RedHat 7.1) • DOS 2000
Drivers supported	• OPOS 1.5.0

IBM SureOne at a glance (continued)

Industry Standards

System management[9]	• 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
Service life	• Up to seven years after withdrawal from market
Technical support[6]	• 24x7 phone support and Web-based help

[1] IBM makes no warranties, expressed or implied, regarding StoreProven products and services, including any implied warranties of merchantability or fitness for a particular purpose. Statements made by IBM Business Partners that offer StoreProven applications are provided by the relevant third-party company and not IBM.

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

[3] Maximum width with articulation arm fully extended is 19" (483 mm).

[4] Maximum height with LCD fully vertical is 15.2" (390 mm). Maximum width with articulation arm fully extended is 19" (483 mm).

[5] 40 W standby with display off. 60 W standby with display on.

[6] Geography dependent.

[7] Audio system feature occupies PCI slot.

[8] 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.

[9] No battery option available.

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

For more information

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

ibm.com/industries/retail/store

Front cover shows an IBM SureOne Model A05.

Page 2 shows SureOne Model A05 with compact cash drawer option.

For Position Only

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