

## IBM SurePOS 4694



Model 347 shown configured with optional components: IBM SureMark printer, IBM SurePoint Solution, 40-character LCD and ANPOS Web-enabled keyboard with pointing device.

It accommodates traditional cathode ray tube (CRT) or digital monitors. Its open platform can run applications for Microsoft® Windows®, IBM 4690 operating system (OS), Red Hat Linux 7.1 and DOS, so you can keep proven POS software in place. The operating system is sold separately.

### Flexible configurations

The SurePOS 4694 lets you choose from a long list of keyboards, displays, cash drawers and printers. System units with wide or narrow footprints are available, as are integrated and distributed configurations. Expansion options include optional hard drives, memory upgrades and ISA/PCI architecture. This variety of configuration options helps you tailor the right POS solution for virtually any store.

### Broad software offering

These retail-hardened systems support diverse third-party applications and peripherals including Ready for IBM Retail Store Innovations solutions developed by independent software and hardware vendors and validated for use with IBM POS technologies.\*

### Highlights

- **Includes multiport connectivity and broad operating system support to help protect your existing investments**
- **Provides a wide range of peripherals and expansion options to help you configure a high-performance solution that meets your needs**
- **Helps reduce downtime and lower costs through optional power and systems management capabilities.**

### The reliable choice for high-performance retailing

With more than one million units placed worldwide, the IBM SurePOS 4694 point-of-sale (POS) system delivers the proven performance retailers need to help keep stores running smoothly and protect profitability. The SurePOS 4694 has the processing power to handle the latest POS applications, including customer loyalty, electronic marketing and Web-based services. In addition, each model is engineered to help withstand harsh retail conditions – which can include exposure to dust, dirt, humidity and spills.

### Solid investment protection

The SurePOS 4694 has RS-232 and RS-485 connections, so retailers can add new POS systems and retain trusted peripherals. It offers USB ports so you can add new equipment as it becomes available.





- 1 *DVI-D video for fast refresh time and sharp graphics (347/P47, 307/P07 only)*
- 2 *RS-485 ports for connecting legacy peripherals*

- 3 *10/100 or 10 BaseT Ethernet offers the speed and bandwidth to handle Internet and Intranet applications<sup>1</sup>*

- 4 *Token Ring (optional 106, 146 only) or Store Loop adapters helps increase investment protection*
- 5 *Optional power management (battery backup) helps prevent data loss in the event of a power outage and eliminates the need to reload software when power resumes*
- 6 *Alphanumeric point-of-sale (ANPOS) keyboard with pointing device eliminates the need for a separate mouse (optional)*
- 7 *Wired for Management (WfM) compliance allows detailed system inventory*
- 8 *Optional Wake on LAN feature enables remote management of POS terminals*
- 9 *Optional Advanced Power Management (APM) and Advanced Configuration and Power Interface (ACPI) features provide energy-efficient operation*

Model 347 shown configured with optional components: IBM SureMark printer, IBM SurePoint Solution, 40-character LCD and ANPOS Web-enabled keyboard with pointing device.

## Model highlights for SurePOS 4694

Models 347/P47	Wide-format, thick-client solution optimised for Microsoft Windows NT®/2000	
	<ul style="list-style-type: none"> <li>• 866MHz VIA C3 processor<sup>2</sup></li> <li>• 64MB (347) or 128MB (P47) standard<sup>3</sup> (up to 512MB available<sup>4</sup>)</li> </ul>	<ul style="list-style-type: none"> <li>• 4MB video memory Unified Memory Architecture (UMA)<sup>5</sup></li> <li>• 20GB hard drive<sup>3</sup> optional (standard on P47)</li> <li>• 10/100 Ethernet</li> </ul>
Models 307/P07	Narrow-format, thick-client solution optimised for Microsoft Windows NT/2000	
	<ul style="list-style-type: none"> <li>• 866MHz VIA C3 processor<sup>2</sup></li> <li>• 64MB (307) or 128MB (P07) standard<sup>3</sup> (up to 512MB available<sup>4</sup>)</li> </ul>	<ul style="list-style-type: none"> <li>• 4MB video memory (UMA)<sup>5</sup></li> <li>• 20GB hard drive<sup>3</sup> optional (standard on P07)</li> <li>• 10/100 Ethernet</li> </ul>
Models 247/V47	Wide-format, thin-client solution optimised for IBM 4690 OS	
	<ul style="list-style-type: none"> <li>• 550MHz VIA C3 processor<sup>2</sup></li> <li>• 32MB (247) or 128MB (V47) standard<sup>3</sup> (up to 512MB available<sup>4</sup>)</li> </ul>	<ul style="list-style-type: none"> <li>• 4MB video memory (UMA)<sup>5</sup></li> <li>• 20GB hard drive<sup>3</sup> optional (standard on V47)</li> <li>• 10/100 Ethernet</li> </ul>
Models 207/V07	Narrow-format, thin-client solution optimised for IBM 4690 OS	
	<ul style="list-style-type: none"> <li>• 550MHz VIA C3 processor<sup>2</sup></li> <li>• 32MB (207) or 128MB (V07) standard<sup>3</sup> (up to 512MB available<sup>4</sup>)</li> </ul>	<ul style="list-style-type: none"> <li>• 4MB video memory (UMA)<sup>5</sup></li> <li>• 20GB hard drive<sup>3</sup> optional (standard on V07)</li> <li>• 10/100 Ethernet</li> </ul>
Models 106/146	Thin-client solution optimised for DOS	
	<ul style="list-style-type: none"> <li>• 100MHz STPC processor<sup>2</sup></li> <li>• 1MB video memory (UMA)<sup>5</sup></li> <li>• Narrow (106) or wide (146) footprint</li> </ul>	<ul style="list-style-type: none"> <li>• 20GB hard drive<sup>3</sup> optional</li> <li>• 32MB standard (up to 64MB available)</li> <li>• 10 BaseT Ethernet</li> </ul>

(Note: please see page 4 for footnote explanations.)

## IBM SurePOS 4694 solution at a glance

Model number	106/146	207/V07	247/V47	307/P07	347/P47
<b>Slots and bays</b>					
PCI	0	1	1	1	1
ISA/PCI	0	1	1	1	1
ISA	2	0	0	0	0
3.5" bays	2/3	1 optional	3	2	3
First hard drive (second hard drive added by special request)	1 optional	1 optional (207) 1 standard (V07)	1 optional (247) 1 standard (V47)	1 optional (307) 1 standard (P07)	1 optional (347) 1 standard (P47)
Floppy drive	1	1	1	1	1
CD-ROM (24X)	0	Optional	Optional	Optional	Optional
<b>Ports</b>					
Video	VGA	VGA	VGA	VGA/DVI-D	VGA/DVI-D
RS-485	4/6	4	6	4	6
RS-232	2	2	2	2	2
USB	0	2	2	3	3
Powered USB	0	0	0	1 (12VDC)	1 (12VDC)
+38V (cash drawer)	2	2	2	2	2
RJ45 Ethernet	1	1	1	1	1
PS/2 keyboard/mouse	1/1	1/1	1/1	v	1/1
Parallel	0 (106) 1 (146)	0	1	0	1
Front access	No (106) Yes (146)	No	Yes	No	Yes
<b>Industry standards</b>					
Systems management	<ul style="list-style-type: none"> <li>• DMI</li> <li>• PXE</li> <li>• WOL<sup>4</sup></li> </ul>	<ul style="list-style-type: none"> <li>• WfM<sup>4</sup></li> <li>• SMBIOS</li> </ul>	<ul style="list-style-type: none"> <li>• WfM<sup>4</sup></li> <li>• SMBIOS</li> <li>• PXE</li> <li>• WOL<sup>4</sup></li> </ul>	<ul style="list-style-type: none"> <li>• WfM<sup>4</sup></li> <li>• SMBIOS</li> <li>• PXE</li> <li>• WOL<sup>4</sup></li> </ul>	<ul style="list-style-type: none"> <li>• WfM<sup>4</sup></li> <li>• SMBIOS</li> <li>• PXE</li> <li>• WOL<sup>4</sup></li> </ul>
Power management <sup>6</sup>	<ul style="list-style-type: none"> <li>• APM</li> </ul>	<ul style="list-style-type: none"> <li>• APM</li> <li>• ACPI</li> </ul>	<ul style="list-style-type: none"> <li>• APM</li> <li>• ACPI</li> </ul>	<ul style="list-style-type: none"> <li>• APM</li> <li>• ACPI</li> </ul>	<ul style="list-style-type: none"> <li>• APM</li> <li>• ACPI</li> </ul>
<b>Dimensions and weight</b>					
Dimensions in mm (WxDxH)	<ul style="list-style-type: none"> <li>• 312x475x86 (106)</li> <li>• 440x475x89 (146)</li> </ul>	<ul style="list-style-type: none"> <li>• 312x475x89</li> </ul>	<ul style="list-style-type: none"> <li>• 440x475x89</li> </ul>	<ul style="list-style-type: none"> <li>• 312x475x86</li> </ul>	<ul style="list-style-type: none"> <li>• 440x475x89</li> </ul>
Dimensions in inches (WxDxH)	<ul style="list-style-type: none"> <li>• 12.3x18.7x3.4 (106)</li> <li>• 17.3x18.7x3.5 (146)</li> </ul>	<ul style="list-style-type: none"> <li>• 12.3x18.7x3.4</li> </ul>	<ul style="list-style-type: none"> <li>• 17.3x18.7x3.5</li> </ul>	<ul style="list-style-type: none"> <li>• 12.3x18.7x3.4</li> </ul>	<ul style="list-style-type: none"> <li>• 17.3x18.7x3.5</li> </ul>
Weight without battery	<ul style="list-style-type: none"> <li>• 16 lbs/7.3 kg (106)</li> </ul>	<ul style="list-style-type: none"> <li>• 16 lbs/7.3 kg</li> </ul>	<ul style="list-style-type: none"> <li>• 23 lbs/10.4 kg</li> </ul>	<ul style="list-style-type: none"> <li>• 23 lbs/10.4 kg</li> </ul>	<ul style="list-style-type: none"> <li>• 23 lbs/10.4 kg (146)</li> </ul>
Power requirements	Universal Switched Power Supply, 50/60Hz, 197W maximum/65W typical				

## IBM SurePOS 4694 solution at a glance (continued)



### Optional peripherals<sup>7</sup>

Displays	<ul style="list-style-type: none"> <li>IBM SurePoint Solution (touch and non-touch)</li> </ul>	<ul style="list-style-type: none"> <li>RS-485 40-character and character/graphics displays</li> <li>Monochrome CRT display</li> </ul>
Printers	<ul style="list-style-type: none"> <li>IBM SureMark printers</li> <li>IBM 4689-TD5 SurePOS printer</li> </ul>	<ul style="list-style-type: none"> <li>IBM Model 4 printers</li> <li>IBM Fiscal printers</li> </ul>
Keyboards	<ul style="list-style-type: none"> <li>USB 50-key, 133-key and ANPOS keyboards</li> </ul>	<ul style="list-style-type: none"> <li>RS-485 50-key, 133-key and ANPOS keyboards</li> <li>PS/2 ANPOS keyboard</li> </ul>
Cash drawers	<ul style="list-style-type: none"> <li>Full-size, compact and flip-top</li> </ul>	

### Software (model-dependent)

Operating systems <sup>8</sup>	<ul style="list-style-type: none"> <li>IBM 4690 OS</li> <li>IBM PC DOS 2000</li> <li>DBCS versions of the operating systems listed above</li> <li>JavaPOS™ for Windows V1.5.0 or later</li> <li>Red Hat Linux 7.1</li> </ul>	<ul style="list-style-type: none"> <li>Microsoft Windows 98 (Second Edition)</li> <li>Microsoft Windows NT (Professional Edition)</li> <li>Microsoft Windows 2000 (Professional Edition)</li> <li>Microsoft Windows XP (Professional Edition)</li> </ul>
Drivers	<ul style="list-style-type: none"> <li>OPOS V1.4.5 or later</li> <li>JavaPOS Windows V.1.50 or later</li> </ul>	<ul style="list-style-type: none"> <li>Point-of-Sale Subsystem for Linux (POSSLIN)</li> <li>Point-of-Sale Subsystem for DOS (POSSDOS)</li> </ul>

### Services

Limited warranty <sup>9</sup>	<ul style="list-style-type: none"> <li>One year onsite service</li> </ul>
Technical support	<ul style="list-style-type: none"> <li>24x7 phone support (during warranty period<sup>10</sup>) and Web-based help</li> </ul>

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- Requires separate Internet access account (not included).
- MHz/GHz only measures microprocessor internal clock speed; many factors affect application performance.
- MB/GB/TB equals one million/billion/trillion bytes when referring to storage capacity; accessibility may be less.
- More than 512MB available through special order. The system has two PC-133 dual in-line memory module (DIMM) sockets.
- Memory supports both system and video. Accessible system memory will be the installed memory size less the amount defined for video.
- Requires power management (battery backup) feature. Power management functionality is device-dependent.
- Not all peripherals are available in all countries. Please contact your local IBM representative for details.
- An operating system is not included, and can be purchased separately.
- For a copy of the terms and conditions of the IBM statement of limited warranty, please contact your IBM representative or reseller.
- Response times may vary.

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### For more information

To learn more about the IBM SurePOS 4694 and other IBM POS solutions, please contact your local IBM representative, call IBM Direct at 1 800 IBM-CALL (1 800 426-2255), or visit:

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