

The operating system designed exclusively for retail



IBM 4690 Operating System Version 3 Release 3



Highlights

- *Provides a reliable platform for e-business, including applications developed for the Java 2™ specification*
- *Delivers exceptional versatility and functionality without compromising reliability and investment protection*
- *Supports a wide range of hardware and peripherals, including the latest models of the IBM SurePOS™ 700 Series*

Outstanding retail OS

Designed and developed exclusively for retail, the IBM 4690 Operating System (OS) is widely considered one of the most reliable operating systems available, and Version 3 Release 3 (V3 R3) builds on this tradition of success. It helps to provide a safe, secure and highly functional foundation for today's most advanced software, and works equally well in stores of different sizes and segments. Most important, this versatile platform enables retailers to run point-of-sale (POS) and e-business software side-by-side on a variety of hardware, creating a single, convenient access point for POS, back-office and Web-based applications. Which is exactly what you need to help increase productivity and improve customer service in every store.

Expanded hardware support

This release supports all the latest models of the IBM SurePOS 700 Series in terminal, controller or terminal/controller configurations, so you can take advantage of powerful new hardware at the POS or in the back office. You can also use the latest models of the IBM SureMark Printer™, including models with Optical Character Recognition technology, enhanced MICR reading and electronic check imaging. With these printers, retailers that accept checks can move to cost-effective Electronic Check Conversion (ECC) while minimizing the risk of administrative returns and non-sufficient funds checks.

Built-in Java capabilities

V3 R3 supports the latest level of Java 2, including the Java Virtual Machine Version 1.4.1 and the Java 2 Software Development Kit. These tools help retailers deploy the latest Java technologies – including networking and graphics – on a variety of clients and servers. By using Java, you create opportunities for a vast number of Java developers to help you customize the POS for your store, as well as utilize both specialized and off-the-shelf software from IBM and IBM Business Partners.



Outstanding investment protection

The IBM 4690 OS supports a wide range of existing hardware, peripherals and software, in addition to the latest POS systems from IBM, such as the IBM SurePOS 700 Series. This broad-based support helps protect your IT investment. Essentially, it helps enable retailers to retain current hardware and software, take advantage of more advanced technology as it becomes available, and run everything on the same operating system. In other words, it's designed to allow retailers to add new capabilities when the time is right without replacing equipment or disrupting operations.

Lower total cost of ownership

The 4690 OS helps reduce total cost of ownership three ways. It supports thin-client architectures, which minimize your hardware costs with very low memory requirements and no mandatory hard disk. In this model, store clients are automatically loaded and maintained by the server, which keeps support costs down. The 4690 OS also allows you to run existing and new hardware side-by-side, writing transaction data to the same log with the same level of integrity. This enables access to multiple applications at the POS, which helps reduce the need for additional workstations. Finally, the 4690 OS is enabled to support Tivoli® software, so you can take an affordable step toward centralized systems management.

Proven reliability in retail

The 4690 OS is designed to deliver the same retail-hardened performance as our rugged POS systems. Task prioritization and multiuser/multitasking capabilities keep store operations moving swiftly. Nonvolatile memory protects disk writes at the server. Multiple servers can back each other up to ensure uninterrupted checkout. In fact, traditional and Java applications will continue to operate in terminal offline mode if server connectivity is lost. All of which helps ensure POS applications run with the high-level availability you need to maintain customer satisfaction.



IBM 4690 Operating System Version 3 Release 3 at a glance

Enhancements in V3 R3

- Supports the latest models of the IBM SurePOS 700 Series
- Supports the latest models of the IBM SureMark Printer (enabling electronic check imaging)
- Supports up to 512MB RAM in select terminals, enabling applications to reach maximum productivity
- Generic terminal configuration makes it equally easy to configure SurePOS 4694 and SurePOS 700 systems in the store
- Supports InfoZip, which enhances compression performance for some internal functions
- Java 1.4.1 currency gives retailers more choices for POS software
- Supports fiscal printer models
- Redirected system messages
- Bootable CD support

4690 OS V3 supported terminals ¹	Java Runtime Environment supported	Memory requirements ²
IBM SurePOS 700 Series Models 721 ³ , 741, 781	Yes	64 – 512MB
IBM SurePOS 700 Series ⁴ Models 750, 752, 753	Yes	64 – 512MB
IBM SurePOS 700 Series ³ Models 730, 732, 733	Yes	32 – 512MB
IBM SurePOS 4694 System Models 307, 347	Yes	64 – 512MB
IBM SurePOS 4694 System Model 244	Yes	32 – 256MB
IBM SurePOS 4694 System Models 205, 245, 206, 246, 207, 247	Yes	32 – 512MB
IBM SurePOS 4694 System Models 104, 144, 154 ⁵ , 106, 146	–	–
IBM SurePOS 4694 System Models 004, 044	–	–
IBM SurePOS 4693 System	–	–
IBM SurePOS 4683 System	–	–

¹ The IBM 4690 OS V3 R3 supports all the terminals listed here, any of which can run existing 4690 applications. Please note that only the IBM SurePOS 700 Series and select models of the IBM SurePOS 4694 POS System can run Java applications.

² Processor and memory requirements in the terminals and controllers are dependent upon the needs of the Java applications being utilized.

³ The SurePOS 721 and SurePOS 73X are only supported as terminals.

⁴ When configured as a controller or a controller/terminal, the SurePOS 75X requires a PCI NVRAM card.

⁵ The SurePOS 4694-154 is a Japan-specific terminal.



Find out more today

To learn more about how the IBM 4690 OS V3 R3 can help you establish a solid foundation for instore e-business, please contact your IBM representative or find us on the Web at:

ibm.com/industries/retail/store

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
09-03

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

 Printed on recycled paper containing 10% recovered post-consumer fiber.

Front page shows the ICESoft Browser on the IBM SurePOS 700 system.

Page 2 shows the SureVision operator display and the IBM SurePOS ACE for 4690 OS customer display on IBM SurePoint™ solutions.



G580-0112-05