



# Macintosh Server G3 with Mac OS X Server

Stunning hardware built on a 400-MHz PowerPC G3 processor. Industry-leading web and application server software. Put them together and you've got Macintosh Server G3 with Mac OS X Server, the most powerful, scalable Macintosh server ever—yours at an exceptional value.





# Macintosh Server G3 with Mac OS X Server



## Features

### Powerful, robust hardware

- 400-MHz PowerPC G3 processor with 1MB of backside cache
- 256MB of high-performance PC100 SDRAM, with support for up to 1GB
- Two 9GB 10,000-rpm Ultra2 LVD SCSI hard disk drives with up to 80-MBps data transfer
- Support for up to five simultaneous Ethernet connections with built-in 10/100BASE-T Ethernet connector and four-port 10/100BASE-T Ethernet PCI card

### Stability and scalability

- Superb system reliability with the Mac OS X Server operating system based on Mach kernel and BSD 4.4 technology
- Protected memory and full process management for efficient, rock-solid performance
- Preemptive multitasking to run multiple services smoothly
- Multithreaded, concurrent I/O to support multiple networks simultaneously

### Powerful new services for the Internet and Macintosh networks

- Apache web server software, the world's most popular HTTP server
- WebObjects software for creating high-performance network applications
- NetBoot server software for managing an entire network through a single server
- Apple file services

The Macintosh Server G3 with Mac OS X Server is a powerful Internet and workgroup server. It combines the latest Macintosh Server G3 hardware with Apple's new Mac OS X Server software to provide higher performance and greater reliability for Internet, publishing, and education customers. This powerful combination of hardware and software makes the Macintosh Server G3 the fastest Apache web server in its class.

The Macintosh Server G3 offers powerful network services and administrative tools running on a fast PowerPC G3 processor. With plenty of RAM, high-capacity hard disks, and a host of preinstalled software, the Macintosh Server G3 is ready to work right out of the box.

Two industry-leading Internet services—Apache and WebObjects—are included with Mac OS X Server. Apache is the world's most popular HTTP server, delivering both static and dynamically generated HTML pages quickly and reliably. Fully integrated with Mac OS X Server, Apache can handle even complex Internet sites that host multiple domains. It can deliver content generated by Apple's WebObjects software, the most flexible and scalable way to develop and deploy network applications for viewing from any web browser. WebObjects is a proven technology that currently runs thousands of mission-critical applications around the world.

Apple's exciting NetBoot software enables multiple Macintosh computers to run from a single server that holds both system software and applications. Just update the NetBoot server, and all the NetBoot client computers have instant access to the new configuration. And with Macintosh Management server software, users can access their applications, documents, and personal desktops securely from any Macintosh on the network.

Also included are highly scalable Apple file services connecting to more than 1,000 concurrent users, capable of supporting more than 4,000 open files, and pushing hundreds of megabits per second across the network.

The Macintosh Server G3 with Mac OS X Server: It's the most powerful, scalable Macintosh server ever.

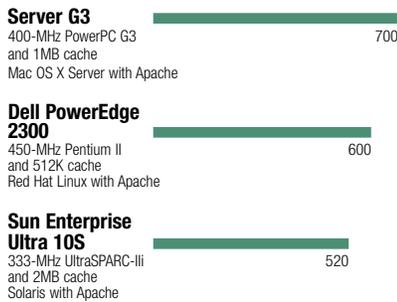


## Specification Sheet

Macintosh Server G3 with Mac OS X Server

## Performance Comparison

WebBench comparison using Apache web server



Based on tests using ZD Labs WebBench evaluating static HTML throughput from 8, 16, and 32 PC clients. Macintosh Server G3 tests conducted by Apple; Dell and Sun system tests conducted by ZDTag. Longer bars are better.

## Technical Specifications

### Processor

- 400-MHz PowerPC G3 processor
- 1MB backside level 2 cache on processor, running at 200 MHz
- 100-MHz system bus

### Memory

- 256MB of PC100 SDRAM (3.3-volt, unbuffered, 64-bit-wide, 168-pin, running at 100 MHz)
- Four DIMM slots supporting up to 1GB of PC100 SDRAM using the following DIMMs:
  - 32MB, 64MB, or 128MB DIMMs (64-bit-wide, 64-Mbit technology)
  - 128MB or 256MB DIMMs (64-bit-wide, 128-Mbit technology)

### Storage

- Two 9GB 10,000-rpm Ultra2 LVD SCSI drives with single-channel SCSI PCI card
- 24x-speed (maximum) CD-ROM drive
- Expansion bay for an additional Ultra2 LVD SCSI drive

### Interfaces

- Connectivity
  - Apple Desktop Bus (ADB) port (maximum current draw for all ADB devices is 500 mA)
  - Communications
    - Built-in 10/100BASE-T Ethernet connector and four-port 10/100BASE-T Ethernet PCI card (RJ-45 connectors)
  - Expansion
    - Four PCI slots: three 64-bit, 33-MHz slots (two of which contain the Ultra2 LVD SCSI card and the four-port Ethernet card) and one 32-bit, 66-MHz slot (dedicated to the ATI RAGE 128 graphics card)
- Video
  - 15-pin mini D-Sub VGA connector and Macintosh-to-VGA adapter
- Sound
  - Minijacks for 16-bit stereo audio input and output; 44.1-kHz sampling rate
  - Built-in speaker

### Keyboard and mouse

- Apple USB Keyboard and Apple USB Mouse
- USB extender cable for keyboard

### Electrical requirements

- Line voltage: 115V AC (90V to 132V AC) or 230V AC (180V to 264V AC)
- Frequency: 47 to 63 Hz, single phase
- Maximum continuous power (not including display): 200W

### Environmental requirements

- Operating temperature: 50° to 95° F (10° to 35° C)
- Storage temperature: -40° to 116° F (-40° to 47° C)
- Relative humidity: 10% to 90% noncondensing
- Maximum altitude: 10,000 feet (3,048 m)

### Size and weight

- Height: 17.0 inches (43.2 cm)
- Width: 8.9 inches (22.6 cm)
- Depth: 18.4 inches (46.7 cm)
- Weight: 28.7 pounds (13.0 kg)

## Specification Sheet

### Macintosh Server G3 with Mac OS X Server



## Ordering Information

### Macintosh Server G3 with Mac OS X Server

Order no. M7326LL/A

- Macintosh Server G3
- Apple USB Keyboard and Mouse
- Mac OS X Server operating system (preinstalled)
- Apache web server
- Apple file services with unlimited-client license
- OmniWeb browser software
- Mac OS compatibility environment
- Java 1.1.6, Perl 5.0, Sendmail 8.9, FTP, Telnet, and NFS
- WebObjects 4.0 Developer (preinstalled) with deployment license for 50 connections per minute
- NetBoot server and Macintosh Management server software (preinstalled)
- Complete setup, learning, and reference documentation
- Limited warranty

### Build-to-order (BTO) options

In addition to choosing a prebuilt system, you can order a custom-configured computer from your local reseller or the online Apple Store. This allows you to select from among the options listed below. For up-to-date information about options and availability, visit [www.apple.com/store](http://www.apple.com/store).

- Memory: 256MB, 384MB, 512MB, 768MB, or 1GB
- Hard disk drives:
  - Two or three 9GB 10,000-rpm Ultra2 LVD SCSI drives
  - One, two, or three 36GB 7,200-rpm Ultra2 LVD SCSI drives
- Gigabit Ethernet PCI card
- Dual-channel Ultra2 LVD SCSI PCI card with any hard disk drive configuration
- Ultra SCSI PCI card

## Related Products

- Apple displays
  - Apple Studio Display (15-inch); order no. M6356
  - Apple Studio Display (17-inch); order no. M6221
  - Apple Studio Display (21-inch); order no. M6204
- Third-party peripherals
  - LaCie external DDS-3 tape drive

For a list of compatible third-party products, visit [www.apple.com/guide](http://www.apple.com/guide).

## For More Information

For more information about these products, or to find out where to buy Apple products, visit [www.apple.com](http://www.apple.com) on the World Wide Web or call 1-800-538-9696. To purchase these products from the Apple Store, go to [www.apple.com/store](http://www.apple.com/store).

Apple stands behind its products with world-class service and support. Offering quality parts, extended hardware service options, phone support, and support via the Internet, we provide you with support choices that meet your needs. For more information, visit [www.apple.com/support](http://www.apple.com/support).

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