



Macintosh Server G3 FAQ

Product Information

Q. How does the new Macintosh Server G3 differ from the previous Macintosh Server G3 line?

A. Apple has reinvented the Power Macintosh G3 line, including desktops and servers, with a new architecture that makes these products even more powerful and easy to use than before. The Macintosh Server G3 is now able to serve your intranet or Internet even faster, with new high-performance 350- and 400-MHz PowerPC G3 processors, support for up to 1GB of SDRAM, built-in 10/100BASE-T Ethernet, and support for the faster Gigabit Ethernet standard.

Q. What build-to-order options and accessories are available for the Macintosh Server G3?

A. There are a number of options available for customers to custom-configure their computer through a local reseller or the online Apple Store. For up-to-date information about options and availability, visit www.apple.com/store.

- Processor: PowerPC G3 running at 350 or 400 MHz with 1MB of backside cache
- Memory: 128MB, 256MB, 384MB, 512MB, 768MB, or 1GB of PC100 SDRAM
- Hard disk drives: 6GB or 12GB Ultra ATA; 9GB 7,200-rpm Ultra2 LVD SCSI with single- or dual-channel SCSI card; two or three 9GB 10,000-rpm Ultra2 LVD SCSI with single- or dual-channel SCSI card
- Other capabilities: Gigabit Ethernet PCI card; SCSI card with cable that supports standard SCSI, Fast Wide SCSI, and Ultra Wide SCSI (25- or 50-pin devices)
- Accessories: LaCie external DDS-3 tape drive, Imation SuperDisk drive



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Product Features

Q. How fast is the Macintosh Server G3, and how do you demonstrate that it is faster than comparable systems running Windows NT Server?

A. The Macintosh Server G3 has been completely reinvented for speed. Its high level of performance comes from its new architecture supporting faster processors, memory, system bus, and PCI slots. Benchmarks have shown that the PowerPC G3 processor significantly outperforms the Pentium II.

For server customers, the two most important measurements of performance are file sharing and web serving, where the Macintosh Server G3 has shown outstanding capabilities. The file-sharing benchmarks shown at left demonstrate that the Macintosh Server G3 is significantly faster for Macintosh file sharing than Windows NT Server.

Web performance can be represented in terms of the number of World Wide Web hits the Macintosh Server G3 could potentially accommodate. Using ZDLabs' industry-standard web benchmark, WebBench, Apple has shown that the Macintosh Server G3 can support up to 18 million web hits a day.

Q. How much and what kind of memory does the Macintosh Server G3 support?

A. The Macintosh Server G3 comes standard with either 128MB or 256MB of memory. It has four DIMM slots that support up to 1GB of PC100 SDRAM. Older SDRAM does not work in the Macintosh Server G3.

Q. What expansion capabilities does the Macintosh Server G3 offer?

A. The Macintosh Server G3 comes with many key features already built onto the logic board, including USB, FireWire, and 10/100BASE-T Ethernet, thereby reducing the number of PCI slots necessary to provide full functionality. USB and FireWire provide two avenues to easily expand the functionality of your Macintosh Server G3 through third-party peripherals. The Macintosh Server G3 also has four PCI slots. Most configurations come preconfigured with an ATI RAGE 128 graphics card and an Adaptec Ultra2 LVD SCSI card.

Q. How many expansion bays does the Macintosh Server G3 have?

A. The Macintosh Server G3 comes with five expansion bays: two bays for removable media (such as the CD-ROM drive) and three bays for internal hard disk drives.

Q. What displays are available for the Macintosh Server G3?

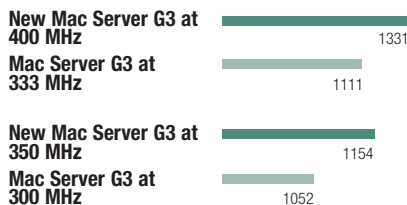
A. The Macintosh Server G3 supports a multitude of displays, including the entire Apple Studio Display line. The Macintosh Server G3 comes with an ATI RAGE 128 graphics card with a standard VGA connector. Older Macintosh displays with an RGB connector can be connected to the server using the included Macintosh-to-VGA video adapter.

Q. Can the Macintosh Server G3 work without a monitor attached?

A. The Macintosh Server G3 will operate without a monitor attached. The included Macintosh-to-VGA adapter must be connected for the server to operate "headless."

Performance Comparisons

Macintosh Server G3 MacBench 5.0 Comparison*

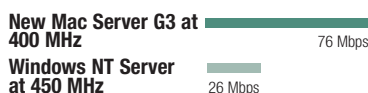


* Based on ZD's MacBench 5.0 processor performance tests. Actual performance on applications will vary. MacBench is a subsystem-level benchmark that measures the relative performance of Mac OS-based systems. MacBench 5.0 uses a base score of 1000 for the previous 300-MHz Power Macintosh G3.

Network Performance Comparison*

More than twice as fast as Windows NT Server.

One Large File (185MB)



Folder of 96 Files (2MB each)



* Based on file copies from 300-MHz Power Macintosh G3 client to Macintosh Server G3 and Windows NT Server.



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Bundled Software

Q. What software comes with the Macintosh Server G3?

A. All Macintosh Server G3 systems come with Mac OS 8.5.1 (preinstalled), an unlimited-client license for AppleShare IP (preinstalled), a ten-client license for Apple Network Assistant, SoftRAID, Netscape Navigator, and Microsoft Internet Explorer.

AppleShare IP is Apple's award-winning server software that provides easy-to-use-and-install file, print, web, and mail services. This latest version supports new features such as web administration, firewall capabilities using IP filtering, server-side Sherlock searching for locating content on the server more easily, and file- and print-sharing support for Windows clients.

Apple Network Assistant is a powerful helpdesk and lab administration tool for systems management. It allows you to centrally manage remote workstations, profile systems and change system settings, install software, and screen-share and control client workstations.

SoftRAID allows you to stripe and mirror (RAID 0 and 1) Macintosh Server G3 systems with multiple hard disk drives. Striping provides optimal disk performance, and mirroring provides disk redundancy so that if one drive fails, a second drive will automatically take over without data loss.

Microsoft Internet Explorer is the current U.S. version of Microsoft's popular software for browsing the Internet. Netscape Navigator is the current U.S. version of Netscape's popular software for browsing the Internet.

Q. Who supports the software bundled with the Macintosh Server G3?

A. Apple supports Mac OS 8.5.1, AppleShare IP, Apple Network Assistant, and SoftRAID. All other third-party software that comes with the Macintosh Server G3 is supported by its respective developer.

Q. Will the Macintosh Server G3 support Mac OS X Server and Mac OS X?

A. Apple expects the Macintosh Server G3 to support both operating systems when they are released.

For More Information

For more information about this product, or to find out where to buy Apple products—through a reseller or from the Apple Store—visit www.apple.com or call 1-800-538-9696. To order this product from the Apple Software Order Center, call 1-800-293-6617.

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.

Apple Computer, Inc.

1 Infinite Loop
Cupertino, CA 95014
(408) 996-1010
www.apple.com

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