



Apple Servers and Server Software

Servers provide a number of advantages for organizations, including high performance and scalability, ample storage, the ability to share centralized resources efficiently, and increased data reliability.

Apple's Workgroup Servers offer all of these advantages, as well as outstanding price/performance value for users who are looking for a server solution that's easy to use and manage, that's low in

cost, and that provides impressive cross-platform capabilities. And they come in a range of configurations, to meet the needs of workgroups of every size and in any field.

Apple's Workgroup Servers

PowerPC Processor-Based Servers

68040-Based Server



Workgroup Server 6150



Workgroup Server 8150



Workgroup Server 9150



Workgroup Server 95

Expansion	Expansion slot for 7-inch NuBus™ card or processor-direct card (requires adapter)	Three NuBus expansion slots; one processor-direct slot	Four NuBus expansion slots; one processor-direct slot	Five NuBus expansion slots (one slot taken up by built-in processor-direct card); 040 processor-direct slot
Storage	Apple SuperDrive® floppy disk drive; 500MB internal hard disk; CD-ROM drive; up to seven SCSI devices supported on one SCSI bus	Apple SuperDrive floppy disk drive; 500MB or 1GB internal hard disk; CD-ROM drive; 4-mm DAT drive with data compression (4GB to 14GB per 120-m tape); up to eight SCSI devices supported on two SCSI buses	Apple SuperDrive floppy disk drive; one or two 1GB or 2GB internal hard disks with space for up to five internal hard disks; CD-ROM drive; 4-mm DAT drive with data compression (4GB to 14GB per 120-m tape); up to fourteen SCSI devices supported on two SCSI buses	Apple SuperDrive floppy disk drive; space for up to six additional internal SCSI storage devices, such as five 2GB hard disks and a 4-mm DAT drive with data compression; SCSI ports support up to twenty SCSI devices
Networking	Built-in LocalTalk® and Ethernet connections; AppleTalk® networking software			Built-in LocalTalk and Ethernet connections; full support for AppleTalk and TCP/IP networking protocols
Processor	60-MHz PowerPC™ 601 RISC processor with integrated math coprocessor, 32K on-chip cache, and 256K second-level memory cache	80-MHz PowerPC 601 RISC processor with integrated math coprocessor, 32K on-chip cache, and 256K second-level memory cache	80-MHz PowerPC 601 RISC processor with integrated math coprocessor, 32K on-chip cache, and 512K second-level memory cache	33-MHz 68040 processor with integrated PMMU, math coprocessor, and 8K memory cache; up to 512K second-level memory cache
Memory	8MB of RAM, expandable to 72MB	8MB or 16MB of RAM, expandable to 264MB		32MB or 48MB of RAM, expandable to 256MB (parity SIMMs optional)
Ports	Two serial ports, SCSI port, Apple Desktop Bus (ADB) port, monitor port, sound-input/output ports	Two serial ports, two high-performance SCSI ports (one external), ADB port, standard monitor port, sound-input/output ports		Two serial ports, four SCSI channels (two are SCSI DMA), ADB port, monitor port, sound-input port
PowerPC processor	Included			Upgradable to PowerPC (1995)
Operating system	System 7.1.2			A/UX® 3.1
File/print server software	AppleShare® 4.0.2*			AppleShare Pro
Other software included	Apple RAID	Apple RAID; Retrospect Remote (with DAT drive configurations)		Retrospect Remote

* Available in some configurations.

The Apple Difference

The biggest strength of Apple's products has always been their ease of use—and Workgroup Servers are no exception. But the Apple server story goes far

beyond “plug and play” setup and an intuitive interface. In addition to networking and remote access solutions, Apple offers comprehensive file and print services as well as powerful information-retrieval

tools to every user on the network—regardless of whether they're using Apple® Macintosh computers or Windows software-based machines.

Apple Server Software

Product	Description
AppleShare	AppleShare is easy-to-use file- and print-sharing software that allows networked Mac™ OS— and Windows software-based computers to share files, applications, and printers. With AppleShare, organizations can store all of their shared files and applications in a single central location, providing easy access to every user on the network. It also provides queued access to up to five networked printers.
AppleSearch	AppleSearch® information-retrieval and indexing software lets users quickly find the documents they need, regardless of their format or source. It gives all users in the workgroup easy access to information stored on a file server (regardless of the document format), in on-line newsfeeds, and on selected Wide Area Information Servers (WAIS) on the Internet. Users can define search queries in their own words, receive personalized information updates automatically from electronic search agents called “reporters,” and schedule automatic indexing of information changes on the file server. AppleSearch provides full support for Macintosh and Windows clients.
Apple Internet Router	The Apple Internet Router makes it easy for users to increase the size, enhance the performance, and improve the management of their organization's LocalTalk network. The router offers both local and wide area networking flexibility. Local workgroups can be connected over industry-standard network types, including LocalTalk, Ethernet, and Token Ring. As networks grow larger and more global, the Apple Internet Router lets users choose among several wide area options.
PowerShare	PowerShare™ collaboration server software provides PowerTalk™ users with server-based messaging, shared catalogs, and network security services on LocalTalk networks.
Apple Remote Access Personal Server for Macintosh	This software includes everything required to provide a user with remote access to a single Macintosh computer or an entire LocalTalk network over a standard telephone line.
Apple Remote Access MultiPort Server	This software provides a way to offer remote AppleTalk network access to large numbers of mobile professionals. Used in conjunction with Apple Remote Access Client for Macintosh software and the appropriate hardware, this server software allows a Workgroup Server or a single Macintosh computer to support from 4 to 16 simultaneous dial-up connections.
Apple RAID Software	Included with all PowerPC processor-based Workgroup Servers. Apple RAID Software increases data reliability. RAID 0 software provides data striping, storing one file in several small chunks across multiple hard disks for faster data transfer. RAID 1 provides data mirroring, storing the same current data on two different hard disks to protect data in the event of a disk failure.
Apple IP Gateway	With the Apple IP Gateway, Macintosh users with Apple Remote Access, LocalTalk, or any other AppleTalk network connection can connect easily to an Ethernet-based TCP/IP network and use the full range of Internet Protocol (IP) services. These include the vast array of Internet services such as Telnet, File Transfer Protocol (FTP), Gopher, World Wide Web, and WAIS servers.
Dantz Retrospect Remote	Included with all Workgroup Server configurations that have a DAT drive. This software, from Dantz Development Corporation, performs automatic, centralized backups of data from all Macintosh computers on a network, on any schedule needed.