



# Tech Info Library

## Workgroup Server 8550/132: Technical Specifications (3/97)

Revised: 3/3/97  
Security: Everyone

Workgroup Server 8550/132: Technical Specifications (3/97)

=====

Article Created: 5 January 1996  
Article Reviewed/Updated: 3 March 1997

TOPIC -----

This article provides the technical specifications of the Workgroup Server 8550/132.

DISCUSSION -----

Technical Specifications  
=====

Microprocessor  
-----

- PowerPC 604 RISC processor running at 132-MHz, located on upgradable CPU card
- Integrated floating-point unit and 32K on-chip cache
- 512K level 2 cache

Memory  
-----

- 24MB of RAM, expandable to 512MB

Storage  
-----

- Internal 2GB hard disk drive, with bracket and cable for a second drive
- One DDS-2 DAT drive—4GB uncompressed, 14GB compressed (some configurations)
- One AppleCD 600i CD-ROM drive (up to 600KB/s data-transfer rate)
- One Apple SuperDrive 1.4MB floppy disk drive that reads, writes, and formats Mac OS, Windows, MS-DOS, and OS/2 disks

Bundled software/Server Solutions CD  
-----

Administrative software

- Server Manager—remote AppleShare server management tools (with AppleShare Solution only) (one user license)
- FileWave—automated software and data distribution (10 user license)
- netOctopus—setup assessment and configuration file editing (10 user license)
- Adobe Acrobat Reader—viewing application for portable document format (PDF) files (10 user license)

#### Reliability software

- Apple RAID Software—data mirroring to protect against drive failures (RAID 1) (license for server)
- Retrospect Remote—automated backup software (DAT configurations only) (10 user license)
- Virex—automated virus screening and virus check (license for server)

#### Productivity software

- AppleShare Client for Windows—enables Windows clients to connect to an AppleShare server (site license for network)
- 4-Sight FAX—lets you send and receive faxes from your desktop (10 user license)
- Now Contact—provides contact management tools (10 user license)
- Now Up•to•Date—handles group scheduling (10 user license)
- Viper Instant-Access—provides a cross-platform information retrieval system (10 user license)

#### Performance software

- Apple RAID Software—optimizes performance of multiple hard disks through disk striping (RAID 0) (license for server)
- Skyline/Satellite—enables monitoring of the network and server traffic over time (console and monitoring station license)

NOTE: The only software bundled with the 8550/132 Apple Internet Server Solution for the World Wide Web is Apple RAID Software, AppleShare Client for Windows, and the Internet Server Solution CD.

#### Networking

- Built-in Ethernet with 10Base-T and AAUI
- Two serial ports for LocalTalk
- Supports TCP/IP networking software with Apple Open Transport

#### Displays

- Supports up to 14-inch Apple displays at millions of colors; 16- and 17-inch Apple displays at up to millions of colors
- Supports most third-party displays as well as VGA and SVGA monitors

#### Video support

- Built-in 2MB VRAM display support

#### Interfaces

- Three PCI expansion slots

- One Apple Desktop Bus (ADB) port for a keyboard, mouse, and other devices
- On-board Ethernet using either AAUI-15 or RJ-45
- Two DMA serial (RS-232/RS-422) ports compatible with LocalTalk
- Two SCSI DMA buses supporting up to eight SCSI devices and transfers up to 10MB/s (internal bus only)
- 16-bit stereo sound input and output ports
- DB-15 video port for display support

#### Clock/calendar

- Custom integrated circuit with long-life lithium battery

#### Disability access

- System software includes CloseView and Easy Access, and can substitute visual cue for beep. Built-in solutions and third-party options provide alternative input and output solutions for people with disabilities.

#### Keyboard and mouse

- Supports ADB keyboards with numeric keypads
- ADB Mouse II included

#### Electrical requirements

- Line voltage: 100 to 240 V AC, RMS single phase, automatically configured
- Frequency: 50 to 60 Hz, single phase
- Power: 225 W maximum, not including display

#### ADB power requirements

- Maximum current draw for all ADB devices: 500 mA (a maximum of three ADB devices is recommended)
- Mouse draws 10 mA; keyboard draws 25 to 80 mA (varies with keyboard model used)

#### Operating environment

- Operating temperature: 50° to 104° F (10° to 40° C)
- Storage temperature: -40° to 116.6° F (-40° to 47° C)
- Relative humidity: 5% to 95% noncondensing
- Altitude: 0 to 10,000 ft. (0 to 3,048 m)

#### Size and weight

- Height: 14 in. (35.6 cm)
- Width: 7.7 in. (19.6 cm)
- Depth: 15.75 in. (40.0 cm)
- Weight: 25 lb. (11.3 kg)—varies based on internal devices installed

#### Regulatory approval

- FCC Class A

Ordering Information

=====

Workgroup Server 8550/132 Applications Server Solution

-----  
(24MB/2GB/CD/DAT)

Order No. M4342LL/A

- 512K level 2 cache, 1.4MB Apple SuperDrive floppy disk drive, and mouse
- System software version 7.5.3
- Server Solutions CD and other bundled software

Workgroup Server 8550/132 AppleShare Server Solution

-----  
(24MB/2GB/CD/DAT)

Order No. M4340LL/A

- Identical to Order No. M4342LL/A, plus AppleShare 4.2.1, Apple Remote Access MultiPort Server software, and Server Manager from Santorini

Workgroup Server 8550/132

(24MB/2GB/CD)

Order No. M4343LL/A

- AppleShare Server Solution without a DAT drive or Retrospect Remote software

Workgroup Server 8550/132 Internet Server Solution for the WWW

-----  
(24MB/2GB/CD)

Order No. M4341LL/A

- 512K level 2 cache, 1.4MB Apple SuperDrive floppy disk drive, and mouse
- System software version 7.5.3
- Apple Internet Server Solution CD (WebSTAR; PageMill; license for MacDNS domain name server software; NetCloak; ServerStat; RealAudio; Acrobat Pro; HyperCard; Web connectivity software for your existing EveryWare Butler SQL and FileMaker Pro databases; Navigator; BBEdit; clickable maps, e-mail, and database AppleSearch CGIs; cus-tomizable WWW pages and forms; AppleScript and scripting additions; AppleSearch; Apple RAID; AppleShare Client for Windows). Does not include Workgroup Server Solutions CD, AppleShare 4.2.1, or Server Manager.

Included with all Workgroup Servers:

- Complete setup, learning, and reference documentation
- Limited one-year hardware warranty

Workgroup Server 8550/132 Logic Board Upgrade

-----  
Order No. M4607LL/A

- Upgrades a Workgroup Server 80, 8150, or 8150/110 to a Workgroup Server 8550/132
- Includes Apple RAID Software, AppleShare 4.2.1 Update Kit, and System 7.5.3 software. Additional RAM is required

Macintosh Memory Expansion Kits

-----  
A variety of memory expansion kits are available. 168-pin DIMMs are required.  
Check with your Apple reseller for details.

Article Change History:

03 Mar 1997 - Added keyword.

17 Apr 1996 - Added user license information for bundled software.

26 Feb 1996 - Changed distribution status.

Copyright 1996-97, Apple Computer, Inc.

Tech Info Library Article Number:19166