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Workgroup Server 8550/200: Technical Specifications (3/97)

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TOPIC -----

This article lists the technical specifications for the Workgroup Server 8550/200.

DISCUSSION -----

Microprocessor

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- PowerPC 604e RISC processor running at 200 MHz, located on upgradable CPU card
- Integrated floating-point unit and 64K on-chip cache
- 512K level 2 cache

Memory

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- 32 MB of RAM, expandable to 512 MB

Storage

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- Internal 2 GB, 7200-rpm hard disk drive, with bracket and cable for a second drive
- One DDS-2 DAT drive—4 GB uncompressed, 14 GB compressed (some configurations)
- One 8x-speed CD-ROM drive (up to 1.2 MB/s data-transfer rate)
- One Apple SuperDrive 1.4 MB floppy disk drive that reads, writes, and formats Mac OS, Windows, MS-DOS, and OS/2 disks

Bundled software/Server Solutions CD

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Administrative software

- Server Manager—remote AppleShare server management tools (with AppleShare Solution only)
- FileWave—automated software and data distribution

- netOctopus—setup assessment and configuration

file editing

- Adobe Acrobat Reader—viewing application for portable document format (PDF) files

Reliability software

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

Productivity software

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

Performance software

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

Note: Software bundled with the 8550/200 Apple Internet Server Solution for the World Wide Web includes Apple RAID Software and the Internet Server Solution CD.

Networking

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

Displays

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- 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

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- Built-in 2 MB VRAM display support

Interfaces

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- 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 10 MB/s (internal bus only)
- 16-bit stereo sound input and output ports
- DB-15 video port for display support

Clock/calendar

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- Custom integrated circuit with long-life lithium battery

Disability access

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- 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

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

Electrical requirements

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- 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

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- 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

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- Operating temperature: 50 degrees to 104 degrees F
(10 degrees to 40 degrees C)
- Storage temperature: -40 degrees to 116.6 degrees F
(-40 degrees to 47 degrees C)

- Relative humidity: 5 percent to 95 percent noncondensing
- Altitude: 0 to 10,000 ft. (0 to 3,048 m)

Size and weight

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- 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

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- FCC Class A

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