



Tech Info Library

Workgroup Server 8150/110: Technical Specifications (7/95)

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TOPIC -----

This article provides the technical specifications and order information for the Workgroup Server 8150/110.

DISCUSSION -----

Technical Specifications

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Microprocessor

- PowerPC 601 RISC microprocessor running at 110 MHz
- Integrated floating-point unit and 32K on-chip cache
- 256K level-2 cache; 1MB available in Build-to-Order configuration

Memory

- 16MB of RAM
- Can be expanded to up to 264MB of RAM

Drives

- Up to two internal driv bays for 1GB, 2GB, or 4GB hard disk drives or a DDS-2 Digital Audio Tape (DAT) drive (some configurations)
- One AppleCD 600i Plus CD-ROM drive (up to 600KB/s streaming data-transfer rate)
- One Apple SuperDrive 1.4MB floppy disk drive that reads, writes, and formats Macintosh, Windows, MS-DOS, and OS/2 disks

Bundled software

Server administration tools

- FileWave - Automated software and data distribution
- Server Manager* - Remote AppleShare management tools
- Apple RAID Software - Disk striping and data mirroring
- Retrospect Remote** - Automated backup software

* Only included in AppleShare configurations

** Only included in DAT drive configurations

User productivity tools

- AppleShare Client for Windows - Enables Windows clients to connect to an AppleShare server
- Now Contact - Contact management software
- Now Up•to•Date - Group scheduling software
- Viper Instant-Access - Cross-platform information retrieval system
- Adobe Acrobat Reader - Viewing application for portable document format (PDF) files

NOTE: The only software bundled with the 8150/110 when it is used as part of the Apple Internet Server Solution for the World Wide Web is Apple RAID Software and AppleShare Client for Windows.

Displays

- Supports up to 14-inch Apple displays at 32,768 colors, and 16- and 17-inch Apple displays at 256 colors
- Supports most third-party displays as well as VGA and SVGA monitors

Video support

- Built-in DRAM display support

Interfaces

- Three NuBus expansion slots
- One processor-direct slot
- One Apple Desktop Bus (ADB) port for a keyboard, mouse, and other device
- AAUI-15 Ethernet connector
- High-density display port supports Apple AudioVision monitors directly and supports other displays by a Power Macintosh Display Adapter (included)
- Two DMA serial (RS-232/RS-422) ports compatible with LocalTalk
- Two high-speed asynchronous SCSI DMA buses; one supports up to five external and two internal SCSI devices, the other supports up to two internal hard disks
- 16-bit stereo sound input and output ports

Networking

- Built-in Ethernet
- Two serial ports for LocalTalk
- Supports TCP/IP networking software with MacTCP

Clock/calendar

- Custom integrated circuit with long-life lithium battery

Disability access

- Easy Access and visible beep included with system software to provide alternative input and output devices for people with disabilities

Electrical requirements

- Line voltage: 100 to 240 volts AC, RMS single phase, automatically configured
- Frequency: 50 to 60 Hz, single phase
- Power: 200 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)

Keyboard and mouse

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

Size and weight

- Height: 14.25 in. (30.6 cm)
- Width: 8.9 in. (19.6 cm)
- Depth: 16.0 in. (39.6 cm)
- Weight: 25.3 lb. (11.5 kg) (varies based on internal devices installed)

Operating environment

- Operating temperature: 50 to 104 degrees F (10 to 40 degrees C)
- Storage temperature: -40 to 116.6 degrees F (-40 to 47 degrees C)
- Relative humidity: 20% to 80% noncondensing
- Maximum altitude: 10,000 ft. (3,048 m)

Regulatory approval

- FCC Class A

Ordering Information

Workgroup Server 8150/110 (16MB/1GB/CD/DAT)

Order No. M4042LL/A

- Workgroup Server 8150/110 with 16MB of RAM, 256K level-2 cache, 1GB hard disk drive, DDS-2 DAT drive, quadruple-speed CD-ROM drive, 1.4MB Apple SuperDrive floppy disk drive, and mouse
- System 7.5.1 and bundled software
- Power Macintosh Display Adapter

Workgroup Server 8150/110 (16MB/1GB/CD/DAT) with AppleShare

Order No. M4065LL/A

- Identical to the above configuration, with the addition of AppleShare 4.1 software

Workgroup Server 8150/110 (16MB/1GB/CD) with AppleShare

Order No. M4007LL/A

- Workgroup Server 8150/110 with 16MB of RAM, 256K level-2 cache, 1GB hard disk drive, 1.4MB Apple SuperDrive floppy disk drive, quadruple-speed CD-ROM drive, System 7.5.1, AppleShare 4.1 software, and bundled software

Workgroup Server 8150/110 Build-to-Order

Order No. M4043LL/A

- Base chassis includes 8MB RAM, 1.4MB Apple SuperDrive floppy disk drive, quadruple-speed CD-ROM drive, System 7.5.1 software, and Apple RAID Software

Apple Internet Server Solution for the World Wide Web 8150/110

Order No. M4141LL/A

- Identical to Order No. M4007LL/A (without AppleShare 4.1) but includes Apple Internet Server Solution software

Workgroup Server 8150/110 Logic Board Upgrade

Order No. M4046LL/A

- Upgrades a Workgroup Server 80 or Workgroup Server 8150 to a Workgroup Server 8150/110
- Includes AppleShare 4.1 Update Kit, System 7.5.1, Apple RAID Software and 8MB of RAM. Additional RAM may be required.

Macintosh Memory Expansion Kits

A variety of memory expansion kits are available. Check with your Apple reseller for details.

Apple Token Ring NB/c Card

Order No. M1769Z/A (7-inch)

Apple Token Ring 4/16 NB/c Card

Order No. M0415LL/B (12-inch)

Part numbers mentioned in this article are accurate as of this writing. Before ordering, verify that they are still correct as they are subject to change.

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