Workgroup Server 8150/80: Specifications (5/95)

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TOPIC ---

This article provides specifications and order information for the Apple
Workgroup Server 8150/80.

DISCUSSION --

Technical Specifications

Microprocessor
• PowerPC 601 RISC microprocessor running at 80 MHz
• Integrated floating-point unit and 32K on-chip cache
• 256K level-2 cache

Memory
• 16MB of RAM
• Can be expanded to up to 264MB of RAM

Drives
• One 1GB Apple hard disk drive
• One DDS-2 DAT drive (4 GB uncompressed, 10-14 GB compressed)
• One AppleCD 300i Plus CD-ROM drive (up to 342K- per-second streaming
  data-transfer rate)
• One Apple SuperDrive 1.4MB floppy disk drive that uses high-density
  floppy disks and reads, writes, and formats Macintosh, Windows, MS-DOS
  and OS/2 disks

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 one

additional ADB device
- AAUI-15 Ethernet connector
- High-density display port supports Apple AudioVision monitors directly and supports other displays via a Power Macintosh Display Adapter (included)
- Two DMA serial (RS-232/RS-422) ports compatible with LocalTalk
- Dual-channel, asynchronous SCSI DMA interface; one channel supports up to five external and two internal SCSI devices, the other channel supports an internal hard disk
- 16-bit stereo sound input and output ports

Networking
- Built-in Ethernet
- Two serial ports for LocalTalk

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 lbs. (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 116.6 degrees C)
- Relative humidity: 20% to 80% noncondensing
- Maximum altitude: 10,000 ft. (3,048 m)

Regulatory approval
- FCC Class A

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Ordering Information
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Workgroup Server 8150
Order No. M3300LL/A
   • Workgroup Server 8150 with 16MB of RAM, 256K level-2 cache, 1GB hard
     disk drive,  DDS-2 DAT drive, CD-ROM drive, and 1.4MB Apple SuperDrive
     floppy disk drive
   • Mouse
   • System 7 software
   • Retrospect Remote software
   • Power Macintosh Display Adapter
   • Complete setup, learning, and reference documentation
   • Limited one-year warranty


Workgroup Server 8150 with AppleShare
Order No. M3359LL/A
   • Identical to above configuration, with the addition of AppleShare 4.0.2
     software


Workgroup Server 8150 Logic Board Upgrade
Order No. M2915LL/A
   • Upgrades a Workgroup Server 80 to a Workgroup Server 8150 (must be
     installed by an Apple authorized service provider); includes AppleShare
     4.0.2, and Retrospect Remote software upgrade


Macintosh Memory Expansion Kits
Order No. M1507LL/A
   • 4MB (1-4MB SIMM)
Order No. M1508LL/A
   • 8MB (1-8MB SIMM)
Order No. M3372LL/A
   • 16MB (1-16MB SIMM)
Order No. M3373LL/A
   • 32MB (1-32MB SIMM)


NOTE: SIMMs must be installed in pairs by an authorized Apple service provider.
The Workgroup Server 8150 has four pairs of SIMM sockets, some of which may be
occupied.

Apple Token Ring NB/c Card (7-inch)
Order No. M1769Z/A

Apple Token Ring 4/16 Card (12-inch)
Order No. M0415LL/B


Article Change History:
15 May 1995 - Changed title to reflect processor speed.
21 Feb 1995 - Corrected size of DAT tape included.
31 Jan 1995 - Removed reference to high-speed SCSI interface.

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