Power Macintosh 5300/100 LC: Description (1/96)

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TOPIC ---

This article contains a description of the Power Macintosh 5300/100 LC computer.

NOTE: This computer is only available through educational channels.

DISCUSSION ---

Overview
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The Power Macintosh 5300/100 LC is a Power PC processor-based multimedia workstation for the educational market. With this introduction, Apple delivers its most powerful technology to education. By uniting a high-speed, high-performance RISC processor with advanced multimedia features in an innovative all-in-one design, Apple has created the most advanced multimedia workstation for educators and students available today.

Apple, the number one worldwide vendor of multimedia systems, has been a pioneer in the integration of multimedia capabilities into its Macintosh personal computers. With the introduction of the Power Macintosh 5300/100 LC, educators can take advantage of the power of multimedia in a system designed especially for schools. Its PowerPC 603e processor not only provides the high performance required for multimedia authoring and playback, but also optimizes other curriculum and classroom productivity applications.

An extremely powerful system right out of the box, the Power Macintosh 5300/100 LC also offers room to grow. With two expansion slots--including one that can be used to add a low-cost, high-speed, Ethernet networking connection--this system is not only extremely useful today, but is an investment in the future as well.

The announcement of the Power Macintosh 5300/100 LC follows the April 1995 introduction of the highly successful Power Macintosh 5200/75 LC, which was the first Power Macintosh designed specifically for education.

The Power Macintosh 5300/100 LC features a 100 MHz PowerPC RISC 603e processor with 256K Level 2 Cache, 16 MB of RAM (expandable to 64MB) and a 1.2 GB hard disk drive. It also includes an Apple SuperDrive floppy disk drive, two

expansion slots--including one that can be used to add a low-cost, high-speed
Ethernet networking connection, and an internal AppleCD 600I Plus tray-loading
quad-speed CD-ROM drive. Built-in multimedia technologies include a video-out
connector, video capture card, TV tuner, and 16-bit stereo sound in and out.

Features
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Power and Speed

• 100-MHz PowerPC 603e processor with 256K Level 2 Cache

Memory and Storage

• 16MB of RAM (expandable to 64MB)
• 1 MB DRAM frame buffer (separate from RAM) for video memory, not expandable
• Apple SuperDrive floppy disk drive (reads and writes Mac OS, Windows,
  DOS, OS/2, and ProDOS files)
• Internal 1GB hard disk drive
• Internal AppleCD 600i Plus tray-loading quad-speed CD-ROM drive

Display

• 15-inch multiple-scan color display (supports more than 32,000 colors)

Expansion

• Macintosh LC-compatible processor direct slot
• I/O communications slot for Ethernet networking (accepts Twisted Pair,
  Thin Coax, or AAUI Ethernet Cards)

Built-in Multimedia Technologies

• Video-out connector for connecting to an LCD projection panel or a
  second monitor
• Video capture card lets you record video from camcorder, VCR, or
  laserdisc
• Built-in TV Tuner
• 16 bit sound in/out

System Software

• System 7.5.1 with Apple Guide, Drag and Drop, AppleScript, Macintosh PC
  Exchange, Macintosh Easy Open, and more

Networking

• Built-in AppleTalk networking
• File sharing without a dedicated server
• Optional Ethernet networking with Ethernet card

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Ordering Information
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Power Macintosh 5300/100 LC 16/1.2 GB
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• Power Macintosh 5300/100 LC (16/1 GB) with built-in 15-inch multiple-scan
  color display, AppleCD 600i Plus CD-ROM drive, stereo speakers, microphone,
  MVP, video-in option, AppleDesign Keyboard, and mouse.
• M4364LL/A


Article Change History:
19 Jan 1996 - Corrected bundle information.
25 Oct 1995 - Corrected System Software requirements.
05 Oct 1995 - Added video memory information.

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