Tech Info Library

PowerBook 3400 Series: Technical Specifications (2/97)

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Revised:        4/21/97
Security:       Everyone


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Article Created: 10 February 1997
Article Reviewed/Updated: 14 February 1997


TOPIC -----------------------------------------------------------


This article contains the technical specifications for the Macintosh PowerBook
3400 series computers which includes the PowerBook 3400/180, 3400/200, and
3400/240 models.


DISCUSSION ------------------------------------------------------


Technical Specifications
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Microprocessor
--------------
* 180-, 200-, or 240-MHz PowerPC 603e; 256K level 2 cache


Memory
------
* 16 MB of RAM, expandable to 144 MB


Storage
-------
* Apple SuperDrive 1.4 MB floppy disk drive
* Internal 1.3 GB, 2 GB, or 3 GB hard disk drive
* 6x-speed CD-ROM drive module (most configurations);
  12x-speed CD-ROM (3400c/240 system)


Display
-------
* 12.1-in. (diagonal) active-matrix color SVGA display
* Resolution: 800 by 600 pixels
* 1 MB of VRAM supports 8-bit color video output to 21-inch monitor; supports
thousands of colors on smaller monitors in SVGA mode
* Includes hardware-based graphics acceleration
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Expansion capabilities
----
* One memory expansion (RAM) slot
* Slots for two Type II PC Cards or one Type III PC Card
* Expansion bay for floppy disk drive, 6x-speed or 12x-speed CD-ROM drive, or
third-party storage or back-up solutions; also supports all of the Macintosh
PowerBook 190 and 5300 series expansion bay modules

Battery
----
* Lithium ion (LiIon: 32-watt hour)
* Average life: 2 to 4 hours, depending on environment
* Also supports nickel-metal-hydride (NiMH) battery technology

Ports
-----
* Apple Desktop Bus (ADB) port
* Serial (RS-422) port
* VGA video-out port
* SCSI port can accommodate six external devices
* Infrared technology port (IrDA compliant)
* Power adapter port
* Stereo sound input/output ports
  (16-bit, CD-quality stereo input/output)

Networking and communications
----
* Built-in 10BASE-T Ethernet (most configurations)
* Built-in 33.6-Kbps modem (most configurations)
* Built-in infrared technology supports AppleTalk protocols and 1 Mb IrDA
standard

Security
----
* Security slot for locking to stationary object
  (requires third-party security cable)
* Password security software

Sound
-----
* Four built-in speakers with active crossover
* 16-bit, CD-quality stereo input/output
* Integrated microphone

Keyboard
----
* Built-in full-size keyboard with 76 (U.S.) or 77 (ISO) keys, including 12
function keys

Apple trackpad
----
* Solid-state Apple trackpad provides precise cursor control; sensing of

movement and acceleration can be easily adjusted through a control panel;
supports tap, double-tap, and drag capabilities

Electrical requirements
----
* Line voltage: 100 to 220 volts AC
* Frequency: 50 to 60 Hz

Environmental requirements
----
* Operating temperature: 50 degrees to 104 degrees F
  (10 degrees to 40 degrees C)
* Storage temperature: -13 degrees to 140 degrees F
  (-25 degrees to 60 degrees C)
* Relative humidity: 20 percent to 90 percent noncondensing
* Operating altitude: 0 to 10,000 feet (0 to 3,048 meters)
* Maximum storage altitude: 20,000 feet (6,300 meters)

Size and weight
----
* Height: 2.4 inches (6.1 cm)
* Width: 11.5 inches (29.2 cm)
* Depth: 9.5 inches (24.1 cm)
* Weight: 7.2 pounds (3.2 kg) with floppy disk drive installed;
          7.4 pounds (3.3 kg) with CD-ROM module;
          6.9 pounds (3.1 kg) with PC Card carrying case installed

Ordering Information
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Macintosh PowerBook 3400c/180

Order No. M4596LL/A
* PowerBook 3400c/180 computer with 180-MHz PowerPC 603e processor, 16 MB of
RAM, built-in 1.4 MB Apple SuperDrive, and internal 1.3 GB hard disk drive

Macintosh PowerBook 3400c/180

Order No. M4597LL/A
* Same as Order No. M4596LL/A, but with 6x-speed CD-ROM drive, built-in 10BASE-T
Ethernet, and 33.6-Kbps modem

Macintosh PowerBook 3400c/200

Order No. M4595LL/A
* Same as Order No. M4597LL/A, but with 200-MHz PowerPC 603e processor and 2 GB
hard disk drive

Macintosh PowerBook 3400c/240

Order No. M5550LL/A
* Same as Order No. M4595LL/A, but with 240-MHz PowerPC 603e processor,

12x-speed CD-ROM drive, and 3 GB hard disk drive

* Note: All systems also ship with a battery and AC adapter; Mac OS 7.6;
complete setup, learning, and reference documentation; Apple Internet Connection
Kit software; Apple Remote Access software; cross-platform compatibility
software (PC Exchange, Mac OS Easy Open, DataViz MacLinkPlus/Easy Open
translators); and a limited warranty

Accessories

Rechargeable Battery for Macintosh PowerBook 3400 Series
Order No. M5146

6x-speed CD-ROM Module for Macintosh PowerBook 3400 Series
Order No. M5139

16MB Memory Expansion Card for Macintosh PowerBook 3400 Series
Order No. M5141

45-watt AC Adapter for Macintosh PowerBook 1400 and 3400 series
Order No. M4895

Note: Product specifications are subject to change. Check with your Apple
reseller for the most current information about product specifications and
configurations.

Begin_Table

PowerBook 3400 Series Model Comparison Chart
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| PowerBook Model | 3400c/180 | 3400c/180 | 3400c/200 | 3400/240 |
Order No.	M4596LL/A	M4597LL/A	M4595LL/A	M5550LL/A
Processor speed	180 MHz	180 MHz	200 MHz	240 MHz
16 MB of RAM	yes	yes	yes	yes
256K level 2 cache	yes	yes	yes	yes
12.1-inch active-matrix SVGA display	yes	yes	yes	yes
Apple SuperDrive 1.4 MB floppy disk drive	yes	yes	yes	yes
Hard disk drive	1.3 GB	1.3 GB	2 GB	3 GB
CD-ROM drive	no	6x-speed	6x-speed	12x-speed

10BASE-T Ethernet	no	yes	yes	yes
33.6-Kbps modem	no	yes	yes	yes

End_Table

Article Change History:
14 Feb 1997 - Changed distribution status.

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Tech Info Library Article Number:20945