



Tech Info Library

PowerBook 3400 Series: Technical Specifications (2/97)

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

=====

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

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

=====

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

=====

PowerBook Model Order No. -----	3400c/180 M4596LL/A -----	3400c/180 M4597LL/A -----	3400c/200 M4595LL/A -----	3400/240 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.

Copyright 1997, Apple Computer, Inc.

Keywords: kpbook,specsht,htable

=====

This information is from the Apple Technical Information Library.

ArticleID: TECHINFO-0020945

19970214 11:37:46.00

Tech Info Library Article Number: 20945