



Macintosh PowerBook

1400cs/117, 1400cs/133, 1400c/133, and 1400c/166

Features

Powerful technology

- Uses the PowerPC 603e processor
- Includes an 8x-speed CD-ROM drive (standard on most configurations)
- Provides a large, 11.3-in. (diagonal) color SVGA display (dual-scan or active-matrix) supporting thousands of colors
- Features an advanced Apple trackpad with tap, double-tap, and drag functionality
- Comes with built-in infrared technology for easy, wireless file sharing with similarly equipped systems

Innovative design

- Features a sleek, contoured shape, and a variety of BookCover inserts that let you personalize the appearance of your PowerBook computer
- Lets you flip the keyboard forward for easy access to the system's interior

Upgradability and expandability

- Offers a memory expansion slot that allows "piggy-backing" of memory cards, so you can install one card initially and then install another later
- Includes PC Card slots for two Type II PC Cards or one Type III PC Card
- Features an expansion bay for the floppy disk drive, CD-ROM drive, battery storage, or third-party solutions such as a second hard disk drive, magneto-optical drive, or Zip drive
- Provides an internal expansion slot for optional built-in Ethernet or video-output card

A complete solution

- Includes everything you need to be productive right away
- Features Apple Location Manager software, which allows you to switch easily between system settings (printer, networking, and so on) that vary by location
- Comes with productivity software pre-installed, including ClarisWorks and Claris Organizer
- Comes with Apple Internet Connection Kit software, including Netscape Navigator, Claris eMailer Lite, Fetch, NCSA Telnet, and NewsWatcher
- Includes software for remote access and cross-platform compatibility

The Apple Macintosh PowerBook 1400 product line takes Apple's traditional strengths—excellence in design and unparalleled ease of use—to a new level by incorporating the latest advances in portable computing technology. These powerful, innovative notebook computers offer the essentials in multimedia and performance. They also go beyond the expected, providing a variety of expansion capabilities and featuring a stylish new design.

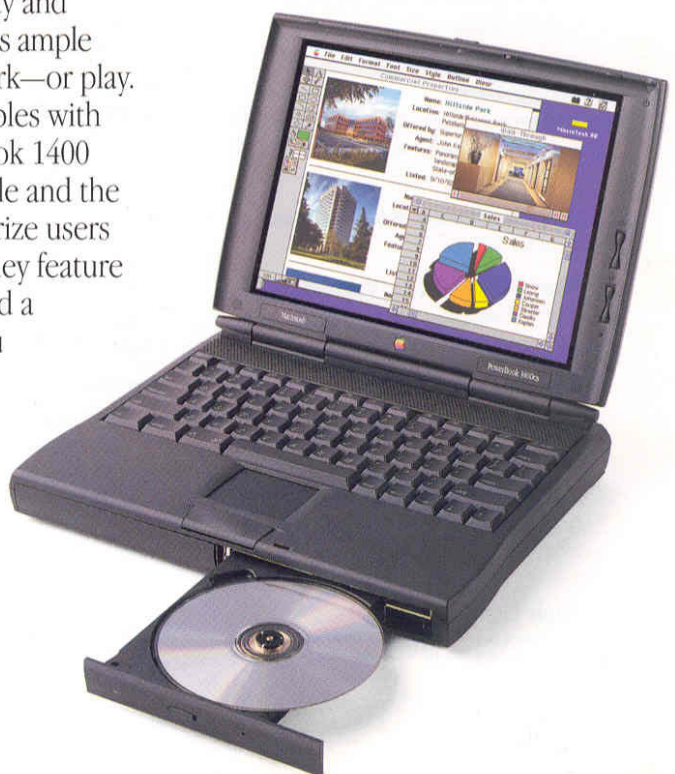
Based on the PowerPC 603e processor (117, 133, or 166 megahertz), the PowerBook 1400 systems can handle everything from complex spreadsheets to text- and graphics-intensive reports. They feature a removable, modular 8x-speed CD-ROM drive (standard on most configurations), giving you access to the wealth of resources available on CD-ROM, including the latest productivity software and multimedia games. And their 11.3-inch diagonal color SVGA displays (dual-scan for the 1400cs models; active-matrix for the 1400c models) provide outstanding quality and bright, vivid colors, as well as ample room for viewing your work—or play.

Designed to be "portables with personality," the PowerBook 1400 series reflects both the style and the individuality that characterize users of PowerBook systems. They feature a clear exterior panel called a BookCover, which lets you

personalize the appearance of your PowerBook with colorful, interchangeable inserts. They also sport a sleek new contoured design, including a flip-up keyboard that makes it easy to access the system's interior for upgrades or service. And all the PowerBook 1400 systems support a variety of expansion options. For example, there's a memory expansion slot that allows you to "piggy-back" memory cards, as well as an internal expansion slot that you can use to add capabilities such as Ethernet networking or video output.

To get you started working right away, the PowerBook 1400 computers come with a variety of software, including Apple Location Manager, ClarisWorks, and Claris Organizer, as well as remote access and cross-platform compatibility software. They even include the Apple Internet Connection Kit.

So if you want an innovative design, unparalleled ease of use, and unmatched opportunities for customization, one member of the Macintosh PowerBook 1400 family is bound to be the right choice for you.





Macintosh PowerBook

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Ordering Information

PowerBook 1400cs/117

Order No. M5888

- PowerBook 1400cs/117 computer with 117-MHz PowerPC 603e processor, 12MB of RAM, built-in 1.4MB Apple SuperDrive, and internal 1GB hard disk drive
- 11.3-in. diagonal dual-scan display
- NiMH battery and AC adapter
- Mac OS 7.6.1 system software
- Complete setup, learning, and reference documentation
- Apple Location Manager software
- Pre-installed ClarisWorks and Claris Organizer software and documentation
- Apple Internet Connection Kit software
- Apple Remote Access and cross-platform compatibility software
- One-year limited warranty

PowerBook 1400cs/117

Order No. M5889

- Same as Order No. M5888, but with 16MB of RAM and an 8x-speed CD-ROM drive

PowerBook 1400cs/133

Order No. M5605

- PowerBook 1400cs/133 computer with 133-MHz PowerPC 603e processor with 128K level 2 cache, 16MB of RAM, built-in 1.4MB Apple SuperDrive, internal 1.3GB hard disk drive, and 8x-speed CD-ROM drive. 11.3-in. diagonal dual-scan display, battery, adapter, system software, additional software, documentation, and warranty. Same as Order No. M5888

PowerBook 1400c/133

Order No. M5891

- Same as Order No. 5605, but with active-matrix display

PowerBook 1400c/166

Order No. M4909

- Same as Order No. 5891, but with 166-MHz PowerPC 603e processor and Internal 2GB hard disk drive

PowerBook 8x-Speed CD-ROM Module

Order No. M5789

PowerBook 8-bit Color Video-output Card

Order No. M4509

PowerBook Power AC Adapter

Order No. M4895

PowerBook Rechargeable Battery

Order No. M5968

PowerBook 8MB RAM Expansion Card

Order No. M4506

Technical Specifications

Microprocessor options

- 117-MHz PowerPC 603e
- 133-MHz or 166-MHz PowerPC 603e with 128K level 2 cache

Memory

- 12MB or 16MB of RAM, expandable to 64MB

Storage

- Built-in 1.4MB Apple SuperDrive floppy disk drive, which uses high-density floppy disks and reads, writes, and formats Macintosh, Windows, MS-DOS, OS/2, and ProDOS disks
- Internal hard disk drive (up to 2GB)
- Sleep-swappable 8x-speed CD-ROM drive module

Display

- 11.3-in. (diagonal) dual-scan (PowerBook 1400cs) or active-matrix (PowerBook 1400c) color SVGA display, thousands of colors, 800 by 600 pixels

Expansion capabilities

- Memory expansion slot that allows "piggy-backing" of up to two memory cards
- PC Card slots for two Type II PC Cards or one Type III PC Card
- Expansion bay for Apple and third-party solutions such as an additional hard disk drive, magneto-optical drive, or Zip drive
- Internal expansion slot for video-output or Ethernet card

Batteries

- High-capacity nickel-metal-hydride (NiMH)
- Average life: 2 to 4 hours, depending on environmental usage pattern

Ports

- Apple Desktop Bus (ADB) port, serial (RS-422) port
- SCSI port
- Power adapter port
- Stereo sound-input/output port

Networking

- Built-in LocalTalk port
- Built-in infrared technology (IRTalk 230.4 Kbps)

Built-in stereo sound

- 16-bit, CD-quality stereo sound
- Built-in speaker and integrated microphone
- Digital-to-analog conversion sampled at 44.1, 22.05, or 11.025 kHz
- 16-bit audio line-in for recording

Security

- Security slot for locking (requires third-party cable)
- Password security software

Keyboard

- Full-size keyboard with 76 (U.S.) or 77 (ISO) keys

Apple trackpad

- 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: 41° to 95° F (5° to 35° C)
- Storage temperature: -13° to 140° F (-25° to 60° C)
- Relative humidity: 20% to 80% noncondensing
- Operating altitude: 0 to 10,000 ft. (0 to 3,048 m)
- Maximum storage altitude: 15,000 ft. (4,522 m)

Size and weight

- Height: 2.0 in. (5.2 cm)
- Width: 11.5 in. (29.2 cm)
- Depth: 9.0 in. (22.5 cm)
- Weight:
 - Macintosh PowerBook 1400cs:
 - 6.7 lb. (3.0 kg) (with floppy disk drive installed)
 - 7.0 lb. (3.15 kg) (with CD-ROM drive installed)
 - Macintosh PowerBook 1400c:
 - 6.6 lb. (3.0 kg) (with floppy disk drive installed)
 - 6.9 lb. (3.1 kg) (with CD-ROM drive installed)

PowerBook Model	1400cs/117	1400cs/117	1400cs/133	1400c/133	1400c/166
Order No.	M5888	M5889	M5605	M5891	M4909
Processor speed	117 MHz	117 MHz	133 MHz	133 MHz	166 MHz
RAM	12MB	16MB	16MB	16MB	16MB
Level 2 cache			✓	✓	✓
SVGA display	Dual-scan	Dual-scan	Dual-scan	Active-matrix	Active-matrix
14MB Apple SuperDrive floppy disk drive	✓	✓	✓	✓	✓
Hard disk drive	1GB	1GB	1.3GB	1.3GB	2GB
CD-ROM drive		8x	8x	8x	8x

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

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April 1997. Product specifications are subject to change without notice. Printed in U.S.A.
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