



# Macintosh PowerBook 1400 Series

## Features

### Powerful technology

- Uses the PowerPC 603e processor
- Includes a high speed CD-ROM drive
- 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

### 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 preinstalled, 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, (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 high speed CD-ROM drive, 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 model, active-matrix for the 1400c model) 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 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, the Macintosh PowerBook 1400 series is bound to be the right choice for you.





# Macintosh PowerBook 1400 Series

## Ordering Information

### PowerBook 1400cs/133

Order No. M5605

- PowerBook 1400cs/133 computer with 133-MHz PowerPC 603e processor and 128K level 2 cache, 16MB of RAM, built-in 1.4MB Apple SuperDrive, internal 1.3GB hard disk drive, and 8x-speed (maximum) CD-ROM 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
- Preinstalled ClarisWorks and Claris Organizer software and documentation
- Apple Remote Access and cross-platform compatibility software
- One-year limited warranty

### PowerBook 1400c/166

Order No. M4909

- Same as Order No. M5605, but with 166-MHz PowerPC processor, active-matrix display, internal 2GB hard disk drive

### PowerBook 1400cs/166

Order No. M6274

- Same as Order No. M4909, but with dual scan display, internal 1.3 GB hard disk drive and 12x-speed (maximum) CD-ROM drive
- Mac OS 8 software

### PowerBook 8-bit Color Video-Output Card

Order No. M4509

### PowerBook Power AC Adapter

Order No. M4895

### PowerBook Rechargeable Battery

Order No. M4507

### PowerBook 8MB RAM Expansion Card

Order No. M4506

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

## Technical Specifications

### Processor

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

### Memory

- 16MB of RAM, supports up to 64MB

### Storage

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

### Display

- 11.3-in. (diagonal) dual-scan (1400cs) or active-matrix (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
- Ethernet card or internal expansion slot for video-output

### 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. (4,572 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 Order No.	1400cs/133 M5605	1400cs/166 M6274	1400c/166 M4909
Processor speed	133 MHz	166 MHz	166 MHz
RAM	16MB	16MB	16MB
Level 2 cache	✓	✓	✓
SVGA display	Dual-scan	Dual-scan	Active-matrix
1.4MB Apple SuperDrive floppy disk drive	✓	✓	✓
Hard disk drive	1.3GB	1.3GB	2GB
CD-ROM drive	8x (maximum)	12x (maximum)	8x (maximum)

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