Macintosh PowerBook 165c

With the Apple Macintosh PowerBook 165c, the impact and appeal of a bright, vivid color display is now available on a portable Macintosh computer. The PowerBook 165c delivers the processing speed, flexibility, and convenience you need—all in a package that weighs just seven pounds and fits into a briefcase.

The Macintosh PowerBook 165c features a backlit passive-matrix display that gives you 256 brilliant colors. And you can also connect to a larger display when you're not on the go. Just connect the PowerBook 165c to almost any Apple display, or even VGA and SuperVGA displays, and expand your workspace.

The Macintosh PowerBook 165c takes advantage of a 68030 processor running at 33 megahertz and a powerful floating-point unit (FPU) to provide superior processing power for even the most demanding applications. In fact, the PowerBook 165c

is more powerful than many mainstream desktop computers. And the PowerBook 165c can support up to 14 megabytes of RAM so you can work with multiple applications simultaneously.

With the Macintosh PowerBook 165c, you'll find all the connections you need to work anywhere. AppleTalk networking is built in, so you can connect to the AppleTalk network and receive your electronic mail, have access to servers, or share files—even if you're halfway around the world. And there are seven built-in ports for plug-and-play access to peripherals such as modems, scanners, and external storage drives.

Best of all, the Macintosh PowerBook 165c is a Macintosh computer. It's easy to set up, a pleasure to use, and versatile enough to handle graphics and multimedia applications as well as mainstream business programs.

Macintosh PowerBook 165c Features

Display
► 9-inch diagonal; 256 vivid colors
► Bright, backlit, passive matrix, 640 by 400 pixels

Power and speed
► 33-MHz 68030 microprocessor
► 33-MHz 68882 math coprocessor

Memory
► 4 MB of RAM, expandable to 14MB

Expansion
► Seven ports for peripherals, including video-out for external color displays
► Slots for internal modem and memory

Features Built Into Every Macintosh

Usability
► Runs thousands of Macintosh applications
► Easy to set up, learn, use, and extend

System software
► System 7 with multitasking, file sharing, QuickTime, Balloon Help, TrueType, and more

Networking
► Built-in AppleTalk networking
► File sharing without a dedicated server

Compatibility
► Reads Macintosh, MS-DOS, OS/2, and ProDOS floppy disk formats

Macintosh PowerBook 165c

Microprocessor
► 68030, running at 33 MHz
► 68882 math coprocessor, running at 33 MHz

Memory
► Comes with 4 MB of pseudostatic RAM
► Expands to up to 14 MB of RAM with third-party PSRAM cards

Disk storage
► One built-in Apple SuperDrive 1.4-MB floppy disk drive that uses high-density floppy disks and reads, writes, and formats Macintosh, MS-DOS, OS/2, and ProDOS disks
► One internal 80- or 160-MB hard disk

Display
► 9-in. (226 mm) diagonal
► Backlit passive-matrix liquid crystal display
► Built-in support for up to 256 colors from a palette of 4,096 choices
► Two video-out modes:
— Video mirroring for simultaneous display of the same image on two screens
— Dual display for full use of both screens

External display options
► Macintosh 12-inch Monochrome Display
► Macintosh 12-inch RGB Display
► AppleColor High-Resolution RGB Display
► Macintosh Color Display (14")
► Macintosh 16-inch Color Display
► Macintosh Portrait Display (15")
► Some VGA and SVGA displays

Battery
► NiCad, which provides 1.5 to 2 hours of usage before recharging

Keyboard
► Built-in keyboard with standard Macintosh layout
► Two-level tilt adjustment

Trackball
► 30-mm diameter, dual-button

Clock/calendar
► CMOS custom chip with long-life lithium battery

Microphone
► Built-in omnidirectional; output voltage is 4 mV, peak-to-peak, at normal volume

Interfaces
► One power adapter port
► One Apple Desktop Bus (ADB) port for keyboard, mouse, and other devices
► Two RS-422 serial ports for LocalTalk networking, printers, modems, and other devices
► One HDI-30 SCSI port for hard disks, scanners, CD-ROM drives, and other devices
► One slot for optional modem
► One video-out port supporting 8-bit density and 256 colors
► One sound-output port for external audio amplifier or headphones
► Security slot for use with third-party equipment to lock the computer

Modem
► Optional internal PowerBook Express Modem; 14,400 bits per second (bps) data with fax send and receive at 9600 baud; includes Express Fax software
► Optional internal 2400-bps modem with Fax send at 9600 baud; includes Fax send software

Sound generator
► Apple Sound Chip provides 8-bit sound, capable of driving stereo headphones or other stereo equipment through the sound port

Sound input
► 8-bit sound, sampled at 11 or 22 kHz

Disability access
► CloseView, Easy Access, and visible-beep system software are built in. These and third-party options provide alternative input and output devices for people with disabilities

ADB power requirements
► Maximum current draw for all Apple Desktop Bus devices is 200 mA (maximum of three ADB devices recommended)

Power requirements
► Line voltage: 110 to 120 V
► Frequency: 50 to 60 Hz

Size and weight
► Height: 2.29 in. (5.8 cm)
► Width: 11.25 in. (28.6 cm)
► Depth: 9.3 in. (23.6 cm)
► Weight: 7.0 lb. (3.2 kg)

Operating environment
► Operating temperature: 50° F to 104° F (10° C to 40° C)
► Storage temperature: −13° F to 140° F (−25° C to 60° C)
► Relative humidity: 20% to 80% noncondensing
► Maximum altitude: 15,000 ft. (4,722 m)
► Operational altitude: 0 to 10,000 ft. (0 to 3048 m)

Macintosh PowerBook 165c 4/80
Order No. M4900LL/A
► Macintosh PowerBook 165c computer with 4 MB of RAM, one built-in 1.4-MB Apple SuperDrive, and one internal 80-MB hard disk drive
► Battery and AC adapter
► Video-out cable
► System 7.1 software
► Complete setup, learning, and reference documentation
► Training software
► Limited warranty statement

Macintosh PowerBook 165c 4/160
Order No. M4920LL/A
► Macintosh PowerBook 165c computer with 4 MB of RAM, one built-in 1.4-MB Apple SuperDrive, and one internal 160-MB hard disk drive
► All software and accessories included with the Macintosh PowerBook 165c 4/80

Macintosh PowerBook 4-MB Memory Expansion Kit*
Order No. M4664LL/A

Macintosh PowerBook FAX/Data Modem (U.S., Canada, Japan)
Order No. M0970LL/A

Macintosh PowerBook FAX/Data Modem (Europe, Australia, South America)
Order No. M0980**/A

Macintosh PowerBook Express Modem Kit (U.S., Canada, Japan)
Order No. M1366LL/A

Macintosh PowerBook Express Modem Kit (Europe, Australia, South America)
Order No. M1365**/A

Macintosh PowerBook Rechargeable Battery
Order No. M5545LL/C

Macintosh PowerBook AC Adapter
Order No. M4662LL/A

Macintosh PowerBook Battery Recharger
Order No. M1027LL/A

Apple HDI-30 SCSI Disk Adapter
Order No. M2539LL/A

Apple HDI-30 SCSI System Cable
Order No. M2538LL/A

* *Dealer installation required*