PowerBook 165c: Description (6/94)

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TOPIC ---

This article describes the PowerBook 165c, the first color PowerBook.

DISCUSSION --

Overview

The PowerBook 165c has PowerBook 180 power, with a bright, vivid color display.
It features the Motorola 68030 microprocessor running at 33 megahertz, and
includes the 68882 floating point unit.

The built-in FSTN/passive matrix LCD gives an 8-bit (256 color) resolution at
640 x 400 pixels. Video-out comes standard and supports most Macintosh
monitors, including the Portrait and 16-inch RGB monitors.

The PowerBook 165c also supports many VGA and SVGA monitors (with the proper
adapter cable).

The standard pseudostatic RAM configuration is 4MB, expandable to 14MB.

Hard drive options include 80MB and 120MB capacities.

The PowerBook 165c has one processor-direct slot, and features a connector for
an internal modem.

PowerBook 165c offers greater performance than the PowerBook 160. Upon
introduction, the PowerBook 165c will be added to the existing PowerBook line --
between the PowerBook 160 and the PowerBook 180.

Full, Truer Color with New Color LCD Display

Unlike competitive passive-matrix display products that offer 16 dithered
colors, the PowerBook 165c provides a full 256-color display. It also supports
256 colors/grays to most Apple monitors -- including the 16-inch RGB Display --
as well as providing VGA and SVGA output.

A new screen technology, including a brightness enhancement filter and twin

backlight tubes, provides a brighter display with less washout and cursor
"submarining" than before. The new screen also offers a wider viewing angle,
wide enough for three adults to sit side by side and still see all of the
screen.

QuickTime and ColorSync Support

The PowerBook 165c supports QuickDraw, ColorSync, and QuickTime. You can create
presentations with full color, and QuickTime movies, as on other color Macintosh
computers. (Because of the nature of the passive-matrix display, QuickTime
movies are displayed at their best on an external monitor.)

PowerBook 180 Performance

The PowerBook 165c features the same 68030 processor, running at 33 MHz, as the
PowerBook 180. It also features the 68882 floating point co-processor.

New Battery and Power Adapter

The PowerBook 165c has a new 2.9 amp-hour NiCad battery that provides 1.5 to 2
hours of continuous battery use from a full charge. It has the same charging
characteristics as the battery in the PowerBook 160 and 180, taking from 3 to 4
hours to charge to 80%, and an additional 3 to 4 hours to fully charge.

The power supply for the PowerBook 165c provides 24 watts of power, compared to
the 17-watt supply used in the PowerBook 160 and PowerBook 180.

What's in the Box

Inside the accessory kit:
• Hardware Components
• Printed Documentation
• System software installed on hard drive

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