Apple
Spec Database
System Fact Sheet

PowerBook G4 (Late 2001)

"Mobility redefined."

System

Introduced: October 2001
Discontinued: May 2002
Gestalt ID: 406
Form Factor: PowerBook G4
Weight (lbs.): 5.3
Dimensions (inches): 1 H x 13.4 W x 9.5 D

Codename: Onyx
Oder Number: M8362LL/A
KB Article #:

Power

Max. Watts: 50
Amps: 1.2
BTU Per Hour: 171
Voltage Range: 100-240
Freq'y Range (Hz): 50-60
Battery Type: 50 WH Lithium Ion
☒ **Soft Power**
☐ **Monitor Power Outlet**

Ports

ADB: 0
Video: HDI-15
Floppy: none
SCSI: none
GeoPort Connectors: none
Ethernet: 10/100/1000Base-T
Microphone Port Type: PlainTalk
☐ **Printer** ☒ **Speaker**
☒ **Modem** ☒ **Headphone**
☒ **Airport** ☐ **Remote Control**

1 FireWire port.

Video

Built-in Display: *15.2-inch (diagonal) built-in TFT XGA*

Maximum Color Bit-depth[1] At:

VRAM Speed:	VRAM Needed:	Video Configuration:	512 x384	640 x400	640 x480	640 x870[2]	800 x600	832 x624	1024 x768	1152 x870	1280 x1024
n/a	built-in	built-in LCD (16MB VRAM)							32		

[1] 1-bit = Black & White; 2-bit = 4 colors; 4-bit = 16 colors; 8-bit = 256 colors; 16-bit = Thousands; 24-bit = Millions
[2] The maximum color depth listed for 640x870 is 8-bit, reflecting the capabilities of the Apple 15" Portrait Display.

supports millions of colors at 1,024- by 768-pixel resolution; supports resolution scaling to 640- by 480-pixel or 800- by

LogicBoard

Main Processor: G4, 550/667 MHz
PMMU: integrated
FPU: integrated
Data Path: 64-bit, 100/133 Mhz
L1 Cache: 64K
L2 Cache: 256 K
Secondary Processor: none
Slots: 1 Type II PC Card

Memory

Memory on Logic Board: none
Minimum RAM: 128 MB
Maximum RAM: 1 GB
RAM Slots: 2 PC100
Minimum RAM Speed: 10 ns
RAM Sizes: 64, 128, 256, 512 MB
Install in Groups of: 1

The 667MHz model uses PC133 memory, not PC100 like it's siblings.

Software

☒ **Speech Recognition Supported**

Addressing Modes: 32-bit
Original SSW: 9.2.1
Original Enabler:

ROM ID:
ROM Version:
ROM Size:
AppleTalk Version:

Supported Macintosh System Software:

☐ A/UX 1.0	☐ NOS 1.11	☐ ProDOS	☐
☐ A/UX 1.11	☐ NOS 1.3	☐ GS/OS	☐
☐ A/UX 2.0	☐ NOS 2.0	☐ NeXTStep 1.x	☐
☐ A/UX 3.0.1	☐ NOS 2.1	☐ NeXTStep 2.x	☐
☐ A/UX 4.1.4	☐ LOS 7/7	☐ NeXTStep 3.x	☐
☐ A/UX 4.1.4.1	☐ DOS 3.1	☐ OpenStep	☐
☐ A/UX 4.1.5	☐ SOS 1.3	☐ <1.0	☐

Sound

☒ **Built-in Microphone**

Microphone Port Type: PlainTalk
Sound In: stereo, 16-bit
Sound Out: stereo, 16-bit

Storage

☒ **Supports Internal CD-ROM**

Floppy Size: none
Floppy Inject: n/a
Internal HD Size: 20, 30, 48 GB
Internal HD Interface: IDE
Original CD-ROM Speed: 24x

History

Originally announced in January 2001, the PowerBook G4 was a dramatic change to Apple's PowerBook line. Based on a new low-power G4 chip, the PPC 7410, the PowerBook G4 sported a stylish new Titanium enclosure, which was only 1" thick, .7" thinner than its predecessor, the PowerBook G3 (Firewire). The reduction in size came at a price, however: the PB G4 had a fixed, 6x slot-load DVD-ROM drive instead of a removable drive bay, and a single battery bay (previous models allowed the use of the drive bay as a second battery bay).

The most innovative feature of the PowerBook G4, was its wide-aspect 15.3" screen, which had a native resolution of 1152x768. This made the PB G4 wider than its predecessor, but it was over an inch less deep.

Note: n/a = information not available or not applicable

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