



SYSTEM

Introduced: January 2003
Discontinued: n/a
Gestalt ID: 406
Form Factor: PowerBook G4 17"
Weight (lbs.): 6.8
Dimensions (inches): 1 H x 15.4 W x 10.2 D

Codename: Onyx
Oder Number: M8793LL/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: 55 WH Lithium Ion
 Soft Power
 Monitor Power Outlet

PORTS

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

*1 400Mbps FireWire port.
1 800Mbps FireWire port.
Airport Extreme: Bluetooth*

VIDEO

Built-in Display: 17 inch (diagonal) built-in TFT active-matrix

Maximum Color Bit-depth¹ At:

VRAM Speed:	VRAM Needed:	Video Configuration:	512	640	640	640	800	832	1024	1152	1280
n/a	built-in	built-in LCD (64MB VRAM)	x384	x400	x480	x870 ²	x600	x624	x768	x870	x1024
										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.

NVIDIA GeForce4 440 Go graphics processor with AGP 4X support and 64MB of DDR SDRAM video memory. Dual display and video mirroring: Simultaneously supports up to 1440 by 900 pixels on the built-in display and up to 2048 by 1536 pixels on an external display, both at millions of

LOGIC BOARD

Main Processor: G4, 1GHz
PMMU: integrated
FPU: integrated
Data Path: 64-bit, 333 Mhz
L1 Cache: 64K
L2 Cache: 256K
Secondary Processor: none
Slots: 1 Type II PC Card

MEMORY

Memory on Logic Board: none
Minimum RAM: 512 MB
Maximum RAM: 1 GB
RAM Slots: 2 PC2700
Minimum RAM Speed: 10 ns
RAM Sizes: 512 MB
Install in Groups of: 1

SOFTWARE

Speech Recognition Supported

Supported Macintosh System Software:

Addressing Modes: 32-bit
Original SSW: OS X.2.3 & 9.2.2
Original Enabler:

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

- 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

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

Built-in Microphone

STORAGE

Supports Internal CD-ROM

Floppy Size: none
Floppy Inject: manual
Internal HD Size: 60 GB
Internal HD Interface: Ultra ATA
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 17" 1GHz model was released on January 7, 2003 with the DVD-R/CD-RW Superdrive and is the first laptop computer with a 17" screen. This revision was available in one configurations. M8793LL/A came with 512MB of RAM, a 60GB hard drive, 64MB of video RAM and a