



System Fact Sheet

"Mobility redefined."

SYSTEM

Introduced: November 2002
Discontinued: n/a
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: M8858LL/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: 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 FireWire port.

VIDEO

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

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

Maximum Color Bit-depth¹ At:

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.

ATI Mobility Radeon 9000 video card with AGP 4X support, supports millions of colors at 1,280- by 854-pixel resolution; Supports 3:2 aspect ratio resolutions of 1280 by 854, 1152 by 768, 896 by 600, 720 by 480, and 640 by 480 pixels; Supports 4:3 aspect ratio resolutions of 1024 by 768, 800

LOGICBOARD

Main Processor: G4, 867 MHz/1GHz
PMMU: integrated
FPU: integrated
Data Path: 64-bit, 133 Mhz
L1 Cache: 64K
L2 Cache: 256K
Secondary Processor: none
Slots: 1 Type II PC Card

MEMORY

Memory on Logic Board: none
Minimum RAM: 256/512
Maximum RAM: 1 GB
RAM Slots: 2 PC133
Minimum RAM Speed: 10 ns
RAM Sizes: 64, 128, 256, 512 MB
Install in Groups of: 1

SOFTWARE

Speech Recognition Supported

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

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

Supported Macintosh System Software:

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

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: manual
Internal HD Size: 40, 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).

Several revisions within this casing has resulted in the 867MHz or 1GHz models, now with an available DVD-R/CD-RW Superdrive. This revision was available in two base configurations. The 867MHz model (M8858LL/A) came with 256MB of RAM, a 40GB hard drive, 32MB of video