



## System Fact Sheet

## SYSTEM

**Introduced:** September 1998  
**Discontinued:** May 1999  
**Gestalt ID:** 312  
**Form Factor:** PowerBook G3 Series  
**Weight (lbs.):** 7.8  
**Dimensions (inches):** 2 H x 12.7 W x 10.4 D

**Codename:** PDC  
**Order Number:** M7109LL/A  
**KB Article #:** 30895, 24604

*Weight includes modem, battery and CD-ROM module*

## POWER

**Max. Watts:** 45  
**Amps:** 1.2  
**BTU Per Hour:** 153.9  
**Voltage Range:** 100-240  
**Freq'y Range (Hz):** 50-60  
**Battery Type:** 49 WH Lithium Ion  
 **Soft Power**  
 **Monitor Power Outlet**

## PORTS

**ADB:** 1  
**Video:** HDI-15  
**Floppy:** none  
**SCSI:** HDI-30  
**GeoPort Connectors:** 1  
**Ethernet:** 10Base-T  
**Microphone Port Type:** PlainTalk  
 **Printer**     **Speaker**  
 **Modem**     **Headphone**  
 **Airport**     **Remote Control**

*24-bit video output port (VGA-style connector)*

*SCSI port for connecting up to 7 devices*

## VIDEO

**Built-in Display:** 14.1" (diagonal) TFT XGA active-matrix

**Maximum Color Bit-depth<sup>1</sup> At:**

VRAM Speed:	VRAM Needed:	Video Configuration:	512	640	640	640	800	832	1024	1152	1280
n/a	built-in	built-in LCD (4MB VRAM)	x384	x400	x480	x870 <sup>2</sup>	x600	x624	x768	x870	x1024
			n/a	24	n/a	n/a	24	n/a	24	n/a	n/a

<sup>1</sup> 1-bit = Black & White; 2-bit = 4 colors; 4-bit = 16 colors; 8-bit = 256 colors; 16-bit = Thousands; 24-bit = Millions

<sup>2</sup> The maximum color depth listed for 640x870 is 8-bit, reflecting the capabilities of the Apple 15" Portrait Display.

*S-video output*

## LOGIC BOARD

**Main Processor:** G3, 233/266/300  
**PMMU:** integrated  
**FPU:** integrated  
**Data Path:** 64-bit, 66Mhz  
**L1 Cache:** 64K  
**L2 Cache:** 512K  
**Secondary Processor:** none  
**Slots:** 2 Type II PC Card (1 Type III)

*Slots: PC Cards slots for two Type II PC Cards or one Type II card or CardBus cards  
 Backside bus speed 146MHz*

## MEMORY

**Memory on Logic Board:** none  
**Minimum RAM:** 32 MB  
**Maximum RAM:** 192 MB  
**RAM Slots:** 2 144-pin  
**Minimum RAM Speed:** 10 ns  
**RAM Sizes:** 32MB, 64MB, 128 MB  
**Install in Groups of:** 1

*Two SO-DIMM slots support to 192MB  
 144-pin SDRAM  
 128 MB DIMM installs in top slot only*

## SOFTWARE

**Speech Recognition Supported**

**Addressing Modes:** 32-bit  
**Original SSW:** 8.1  
**Original Enabler:** PowerBook G3 Series 1.1

**ROM ID:** n/a  
**ROM Version:** n/a  
**ROM Size:** 4 MB  
**AppleTalk Version:** n/a

**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

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

**Built-in Microphone**

## STORAGE

**Supports Internal CD-ROM**

**Floppy Size:** 1.44MB  
**Floppy Inject:** manual  
**Internal HD Size:** 2, 4, 8 GB  
**Internal HD Interface:** IDE  
**Original CD-ROM Speed:** 24x

## HISTORY

Announced in August 1998, The Rev. 2 PowerBook G3 was an answer to supply problems that had been troubling Apple all summer. By standardizing the bus speed (to 66 Mhz) and the screen size (to 14.1"), Apple could further streamline the production process, and ship PowerBooks faster. While 266 and 300 Mhz versions took some time to make it into the reseller channel, the 233 Mhz model (now equipped with a L2 cache) was available immediately.

The 233 Mhz was initially sold for \$2,799, the 266 Mhz model for \$3,499, and the 300 Mhz model for \$3,999. There was also a limited-edition 233 Mhz 12.1" active-matrix model which sold for \$2,299.