

**System Fact Sheet****SYSTEM**

**Introduced:** May 1998  
**Discontinued:** August 1998  
**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:** Main Street, Wall Street  
**Order Number:** M6484LL/A (233)  
**KB Article #:** 24469, 24604

*Family Model # M4753  
 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
x384	x400	x384	x400	x480	x870 <sup>2</sup>	x600	x624	x768	x870	x1024	
n/a	built-in	built-in LCD (4MB VRAM)	n/a	n/a	n/a	n/a	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, 233/250/292  
**PMMU:** integrated  
**FPU:** integrated  
**Data Path:** 64-bit, 66/83Mhz  
**L1 Cache:** 64K  
**L2 Cache:** none  
**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 1.0

**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 March 1998, The PowerBook G3 Series was an entirely new design, which resembled its predecessor only in name. The G3 Series was the first Built-to-Order PowerBook line, and filled Apple's PowerBook offerings, from low to high end, with a single motherboard design. The G3 Series was available with a variety of BTO options including a 233, 250 or 292 Mhz PPC750 processor and either a 12" passive-matrix screen, a 13.3" TFT Active Matrix screen, or an incredible 14.1" TFT Active Matrix Screen. All models included two RAM slots which used industry standard RAM modules (the same used in most IBM Thinkpads), hardware 2D and 3D Graphics acceleration, a VGA port, and 4Mbps IrDA. The G3 Series had a large, redesigned keyboard which included a new Function button allowing the keyboard to take on the functionality of a full size 105-key keyboard. It had 2 PC-card slots, which were CardBus compliant (a powerbook first), and the 13.3" and 14.1" models included an S-Video