



System Fact Sheet

SYSTEM

Introduced: May 1998
Discontinued: August 1998
Gestalt ID: 314
Form Factor: PowerBook G3 Series
Weight (lbs.): 7.2
Dimensions (inches): 2 H x 12.7 W x 10.4 D

Codename: Main Street, Wall Street
Order Number: M7229LL/A
KB Article #: 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
 SCSI port for connecting up to 7 devices*

VIDEO

Built-in Display: 12.1" (diagonal) SVGA STN passive-matrix

Maximum Color Bit-depth¹ At:

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

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.

LOGICBOARD

Main Processor: G3, 233
PMMU: integrated
FPU: integrated
Data Path: 64-bit, 66/83 MHz
L1 Cache: 64K
L2 Cache: 512K
Secondary Processor: none
Slots: 2 Type II PC Card (1Type III)

Slots : 2 Type II PC Card s or 1 Type III PC Card or CardBus cards

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

*144 -pin SDRAM
 2 SO-DIMM slots supports up to 192MB
 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

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

Supports Internal CD-ROM

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