



System Fact Sheet

SYSTEM

Introduced: November 1997
Discontinued: May 1998
Gestalt ID: 313
Form Factor: PowerBook 3400
Weight (lbs.): 7.5
Dimensions (inches): 2.4 H x 11.5 W x 9.5 D

Codename: Kanga
Oder Number: M5993LL/A
KB Article #: 24210, 24211

POWER

Max. Watts: 45
Amps: 1.88
BTU Per Hour: 153.9
Voltage Range: 100-240
Freq'y Range (Hz): 50-60
Battery Type: 47 Wh Lithium Ion
 Soft Power
 Monitor Power Outlet

PORTS

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

Infrared port supports AppleTalk and 1-MblrDA

VIDEO

Built-in Display: 12.1" (diagonal) active matrix color SVGA

Maximum Color Bit-depth¹ At:

	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							
Video Configuration:	n/a	n/a	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.

2MB of VRAM supports millions of colors on external monitor; Chips and Technology 65554 PCI video controller support hardware acceleration

LOGICBOARD

Main Processor: G3, 250MHz
PMMU: integrated
FPU: integrated
Data Path: 64-bit, 50Mhz
L1 Cache: n/a
L2 Cache: 512K
Secondary Processor: none
Slots: 2 Type II PC Card (1 Type III)

MEMORY

Memory on Logic Board: 32 MB
Minimum RAM: 32 MB
Maximum RAM: 160 MB
RAM Slots: 1 PB G3
Minimum RAM Speed: 60 ns
RAM Sizes: 4-128 MB
Install in Groups of: 1

Support EDO RAM devices on its memory modules

SOFTWARE

Speech Recognition Supported

Addressing Modes: 32-bit
Original SSW: 8.0
Original Enabler:

ROM ID:
ROM Version: \$077D
ROM Size: 3072K
AppleTalk Version: 60.2

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: Line In
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: 5GB
Internal HD Interface: ATA
Original CD-ROM Speed: 20x

HISTORY

The PowerBook G3 was the first PowerBook to use the PPC 750, a third generation Motorola/IBM processor. The 750, or "G3" as it had been nicknamed before, was the first PPC processor designed to use a high speed, "backside" cache which could interact with the processor at much faster speeds than a standard L2 cache, which was restricted by the motherboard speed. The PowerBook G3 was similar to the PowerBook 3400, with the addition of a 750 processor running at 250Mhz, and a 512k backside cache running at a 2.5:1 processor to cache ratio (100Mhz). The Power of the 750, combined with the high speed cache, made the PowerBook G3 the fastest notebook in the world, bar none. (It clocked speeds nearly as fast as the 9600/300) It was replaced in my by the new PowerBook G3 series.