



System Fact Sheet

SYSTEM

Introduced: January 1995
Discontinued: October 1995
Gestalt ID: 100
Form Factor: Centris 610
Weight (lbs.): 14
Dimensions (inches): 3.4 H x 16.3 W x 15.6 D

Codename: Piltown Man
Oder Number: M3631LL/A
KB Article #: 16928

POWER

Max. Watts: 210
Amps: 1.70
BTU Per Hour: 718.2
Voltage Range: 100-240
Freq'y Range (Hz): 50-60
Battery Type: 3.6V lithium
 Soft Power
 Monitor Power Outlet

PORTS

ADB: 1
Video: HDI-45
Floppy: none
SCSI: DB-25
GeoPort Connectors: 2
Ethernet: AAUI-15
Microphone Port Type: PlainTalk

Printer **Speaker**
 Modem **Headphone**
 Airport **Remote Control**

VIDEO

Built-in Display: none

Maximum Color Bit-depth¹ At:

| | | | | | | | | | | | |
|--------------------|---------------------|-----------------------------|------|------|------|-------------------|------|------|------|------|-------|
| VRAM Speed: | VRAM Needed: | Video Configuration: | 512 | 640 | 640 | 640 | 800 | 832 | 1024 | 1152 | 1280 |
| n/a | built in | DRAM (HDI-45) | x384 | x400 | x480 | x870 ² | x600 | x624 | x768 | x870 | x1024 |
| | | | 16 | n/a | 16 | 8 | n/a | 8 | 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.

LOGIC BOARD

Main Processor: 601, 66 MHz
PMMU: integrated
FPU: integrated
Data Path: 64-bit, 33 MHz
L1 Cache: 32K
L2 Cache: 256K
Secondary Processor: opt. Intel 486DX2-66
Slots: one 7" NuBus or PDS

MEMORY

Memory on Logic Board: 8 MB
Minimum RAM: 8 MB
Maximum RAM: 72 MB
RAM Slots: 2 72-pin
Minimum RAM Speed: 80 ns
RAM Sizes: 4, 8, 16, 32 MB
Install in Groups of: 2

SOFTWARE

Speech Recognition Supported

Addressing Modes: 32-bit
Original SSW: 7.5
Original Enabler: PowerPC Enabler v1.1.1

ROM ID: \$077D
ROM Version: \$20
ROM Size: 4MB
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: 350-500MB
Internal HD Interface: SCSI
Original CD-ROM Speed: 2x

HISTORY

Introduced in March 1994, the PowerMac 6100 was the first Mac to be powered by a PowerPC processor. An optional AV configuration was available. The 6100 came in a Centris 610-style low-profile case, cost \$1,700, and was "speed bumped" to 66 Mhz in January 1995. The 6100/66 was discontinued at the end of 1995. The 6100/66 DOS was also available, with a 66 Mhz 486DX/2 processor card, and was discontinued in early 1996. The 6100 was also offered bundled with a monitor and various hard drives, as the Performas 6110CD, 6112CD, 6115CD, 6116CD, 6117CD, and 6118CD.