



System Fact Sheet

SYSTEM

Introduced: March 1994
Discontinued: January 1995
Gestalt ID: 112
Form Factor: IIVx
Weight (lbs.): 25
Dimensions (inches): 6 H x 13 W x 16.5 D

Codename: Carl Sagan, BHA, LAW
Order Number:
KB Article #: 14542, 14493

POWER

Max. Watts: 230
Amps: 1.90
BTU Per Hour: 786.6
Voltage Range: 100-240
Freq'y Range (Hz): 50-60
Battery Type: 3.6V lithium

Soft Power
 Monitor Power Outlet

PORTS

ADB: 1
Video: DB-15 & 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:									
	512	640	640	640	800	832	1024	1152	1280	
VRAM Speed: 80 ns	x384	x400	x480	x870 ²	x600	x624	x768	x870	x1024	
VRAM Needed: built in	16	n/a	16	8	n/a	8	n/a	n/a	n/a	n/a
built in	16	n/a	16	8	n/a	16	8	8	8	n/a
4x256K	24	n/a	24	8	n/a	24	16	16	16	n/a
Video Configuration: DRAM (HDI-45)										
1MB VRAM										
2MB VRAM										

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: opt'l.
Secondary Processor: none
Slots: 3 NuBus, PDS filled

MEMORY

Memory on Logic Board: 8 MB
Minimum RAM: 8 MB
Maximum RAM: 136 MB
RAM Slots: 4 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: 7.1.2
Original Enabler: PowerPC Enabler v1.0

ROM ID: \$077D
ROM Version: \$A4
ROM Size: 4MB
AppleTalk Version: 58.0.2

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

Built-in Microphone

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

STORAGE

Supports Internal CD-ROM

Floppy Size: 1.44MB
Floppy Inject: manual
Internal HD Size: 250-500MB
Internal HD Interface: SCSI
Original CD-ROM Speed: 2x

HISTORY

Also introduced in March 1994, the PowerMac 7100 was a faster more expandable 6100. It came in a slightly restyled IIVx case, and was "speed bumped" to 80 Mhz January 1995. It was originally priced at \$2,900.