



System Fact Sheet

SYSTEM

Introduced: August 1998
Discontinued: January 1999
Gestalt ID: 406
Form Factor: iMac
Weight (lbs.): 40
Dimensions (inches): 15.8 H x 15.2 W x 17.6 D

Codename: Columbus, C1, Elroy
Order Number: M4984LL/A
KB Article #: 30681, 30682

IrDA infrared link module 4 Mb/s transfer rate; range = 2 inches to 1 meter

POWER

Max. Watts: 80
Amps: 1.7
BTU Per Hour: 273.6
Voltage Range: 100-240
Freq'y Range (Hz): 50-60
Battery Type: 3.6V lithium
 Soft Power
 Monitor Power Outlet

PORTS

ADB: 0
Video: none
Floppy: none
SCSI: none
GeoPort Connectors: none
Ethernet: 10/100Base-Tx
Microphone Port Type: PlainTalk
 Printer **Speaker**
 Modem **Headphone**
 Airport **Remote Control**

*modem: 56k internal
 2 headphone jacks*

VIDEO

Built-in Display: 15" (13.8 viewable)

Maximum Color Bit-depth¹ At:

VRAM Speed:	VRAM Needed:	Video Configuration:	512	640	640	640	800	832	1024	1152	1280
100MHz/10ns	SGRAM	2MB (onboard)	x384	x400	x480	x870 ²	x600	x624	x768	x870	x1024
	SGRAM	6MB					32	32	16		
							32	32	32		

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.

144-pin SGRAM

NOTE: use only a SGRAM SO-DIMM. Do NOT use EDO DRAM or SDRAM-based video memory.

LOGIC BOARD

Main Processor: G3, 233 MHz
PMMU: integrated
FPU: integrated
Data Path: 64-bit, 66 MHz
L1 Cache: 32K
L2 Cache: 512K
Secondary Processor: none
Slots: mezzanine

512k backside cache memory

MEMORY

Memory on Logic Board: none
Minimum RAM: 32 MB
Maximum RAM: 128 MB
RAM Slots: 2 SO-DIMM
Minimum RAM Speed: 10 ns
RAM Sizes: 16, 32, 64, 128 MB
Install in Groups of: 1

144-pin SDRAM

M6709LL/A = 32MB - 128MB

M6709LL/B = 32MB - 256MB

SOFTWARE

Speech Recognition Supported

Addressing Modes: 32-bit
Original SSW: 8.1/8.5
Original Enabler: 462

ROM ID: 77D
ROM Version: 44F1
ROM Size: 1 MB*
AppleTalk Version: 60

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"/>

**uses 3MB of RAM for toolbox ROM*

SOUND

Microphone Port Type: PlainTalk
Sound In: stereo
Sound Out: stereo

Built-in Microphone

built-in stereo speakers with SRS 3D stereo sound

STORAGE

Floppy Size: n/a
Floppy Inject: n/a
Internal HD Size: 4 GB
Internal HD Interface: ATA
Original CD-ROM Speed: 24x

Supports Internal CD-ROM

HISTORY

Announced in May 1998 and shipped in August, the iMac was Apple's computer for the new millennium. Aimed at the low-end consumer market and designed with the internet in mind, the iMac was positioned by Apple as the most original new computer since the original Mac in 1984, and came in a stylish new case design, with translucent "Bondi Blue" plastics. The iMac included a 4Mbps IrDA port, and an internal 56Kpbs modem (a 33.6k modem was originally announced in May, but was upped to 56k at MacWorld.), used two 12 Mbps Universal Serial Ports (USB) as its only means of external expansion, and included a newly-designed USB keyboard and mouse. While it had no other serial or SCSI ports, many manufacturers promised to make a variety of USB peripherals available by the time it shipped in August, and by and large they delivered on that promise. A "Rev B." model was released several months later, with 6MB of VRAM, and several hardware bug-fixes. The iMac sold for \$1,299.