Apple Spec Database — iMac "Luxo" (700 MHz - LCD - Summer 2002)

System Fact Sheet

SYSTEM

Introduced: July 2002
Discontinued: n/a
Gestalt ID: 406
Form Factor: iMac Luxo
Weight (lbs.): 21.3
Dimensions (inches): 12.95 H x 15.1 W x 10.6 D
Codename: Tessera, P80
Oder Number: M8672LL/B
KB Article #:

POWER

Max. Watts: 130
Amps: 1.7
BTU Per Hour: 444.6
Voltage Range: 90-264 V
Freq'y Range (Hz): 47-63
Battery Type: 3.6V lithium
☐ **Soft Power**
☐ **Monitor Power Outlet**

PORTS

ADB: 0
Video: mini-VGA
Floppy: none
SCSI: none
GeoPort Connectors: none
Ethernet: 10/100Base-T
Microphone Port Type: Built-in
☐ **Printer**   ☒ **Speaker**
☐ **Modem**   ☒ **Headphone**
☒ **Airport**   ☐ **Remote Control**

2 Firewire ports

VIDEO

Built-in Display: *15" (viewable) TFT active-matrix LCD*

Maximum Color Bit-depth[1] At:

	VRAM Speed:	VRAM Needed:	Video Configuration:	512 x384	640 x400	640 x480	640 x870[2]	800 x600	832 x624	1024 x768	1152 x870	1280 x1024
	n/a	DDR RAM	32 MB							24		

[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.

NVIDIA GeForce2 MX

LOGIC BOARD

Main Processor: G4, 700 MHz
PMMU: integrated
FPU: integrated
Data Path: 64-bit, 100 MHz
L1 Cache: 32K
L2 Cache: 256K
Secondary Processor: none
Slots: 0

MEMORY

Memory on Logic Board: none
Minimum RAM: 128 or 256
Maximum RAM: 1 GB
RAM Slots: 1   SO-DIM
Minimum RAM Speed: 100 MHz
RAM Sizes: 32, 64, 128, 256, 512 MB
Install in Groups of: 1

1 memory slot is non-user accessible and uses a 168-pin DIMM.

SOFTWARE

☒ **Speech Recognition Supported**

Addressing Modes: 32-bit
Original SSW: 9.2
Original Enabler: n/a

ROM ID: n/a
ROM Version: n/a
ROM Size: 1 MB
AppleTalk Version: n/a

Supported Macintosh System Software:

☐ A/UX 1.0	☐ NOS 1.11	☐ ProDOS ☐
☐ A/UX 1.11	☐ NOS 1.3	☐ GS/OS ☐
☐ A/UX 2.0	☐ NOS 2.0	☐ NeXTStep 1.x ☐
☐ A/UX 3.0.1	☐ NOS 2.1	☐ NeXTStep 2.x ☐
☐ A/UX 4.1.4	☐ LOS 7/7	☐ NeXTStep 3.x ☐
☐ A/UX 4.1.4.1	☐ DOS 3.1	☐ OpenStep ☐
☐ A/UX 4.1.5	☐ SOS 1.3	☐ <1.0 ☐

SOUND

☒ **Built-in Microphone**

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

STORAGE

☒ **Supports Internal CD-ROM**

Floppy Size: n/a
Floppy Inject: manual
Internal HD Size: 40 GB
Internal HD Interface: ATA
Original CD-ROM Speed: 8x4x24x

HISTORY

Apple released this revolutionary iMac on January 7 at MacWorld 2002 and further refined it for the Summer MacWorld in July of 2002. Brand new from the ground up, this iMac is completely unlike any of its predecessors. I have taken the liberty of adding the nickname "Luxo" after the name of the Desklamp-character used in the Pixar logo, with whom it shares a striking resemblance.

Situated on a half-sphere base, which houses the CPU, Optical Drive, Memory and PowerSuppy, the remaining portion of the iMac is a gooseneck arm and a 15" LCD display, making it the first Macintosh with varying physical dimensions depending on each indvidual users' ergonomic preferences.

Note: n/a = information not available or not applicable