



**System Fact Sheet**

**SYSTEM**

**Introduced:** July 2002  
**Discontinued:** n/a  
**Gestalt ID:** 406  
**Form Factor:** iMac Luxo Widescreen  
**Weight (lbs.):** 22.8  
**Dimensions (inches):** 13.3 H x 16.7 W x 10.6 D

**Codename:** Tessera, P80  
**Oder Number:** M8812LL/A  
**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:** 17" (viewable) TFT active-matrix LCD

**Maximum Color Bit-depth<sup>1</sup> At:**

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

<sup>1</sup> 1-bit = Black & White; 2-bit = 4 colors; 4-bit = 16 colors; 8-bit = 256 colors; 16-bit = Thousands; 24-bit = Millions

<sup>2</sup> The maximum color depth listed for 640x870 is 8-bit, reflecting the capabilities of the Apple 15" Portrait Display.

NVIDIA GeForce4 MX

**LOGICBOARD**

**Main Processor:** G4, 800 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:** 256 MB  
**Maximum RAM:** 1 GB  
**RAM Slots:** 1 SO-DIMM  
**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**

**Supported Macintosh System Software:**

**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

- 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**

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

**Built-in Microphone**

**STORAGE**

**Supports Internal CD-ROM**

**Floppy Size:** n/a  
**Floppy Inject:** manual  
**Internal HD Size:** 80 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 PowerSupply, 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 individual users' ergonomic preferences.