

Tech Info Library

TITLE

iMac (Slot Loading): Technical Specifications

Article ID: 58474
Created: 10/4/99
Modified: 1/24/00

TOPIC

This article provides the technical specifications for the iMac (Slot Loading) computer.

DISCUSSION

Technical Specifications

Processor and Memory

- o 350- or 400-MHz PowerPC G3 processor
- o 512K backside level 2 cache
- o 100MHz system bus
- o 64 MB or 128 MB of PC100 SDRAM (3.3-volt, 64-bit wide, 168-pin, running at 100 MHz); two DIMM slots support up to 512 MB using 64 MB, 128 MB, or 256 MB DIMMs

Display

- o built-in 15-inch shadow-mask CRT (13.8-inch diagonal viewable image size); 0.28-mm dot pitch
- o built-in ColorSync color calibration for uniform color from input to display to output
- o on-screen geometry adjustment to keep display images properly aligned throughout its lifetime
- o flip foot for 17° tilt

Graphics Support

- o ATI RAGE 128 VR 2D/3D graphics accelerator with 8 MB of SDRAM graphics memory and AGP 2X support
- o Three crisp, flicker-free screen resolutions: 640 x 480 pixels at 117 Hz, 800 x 600 pixels at 95 Hz, and 1,024 x 768 pixels at 75 Hz
- o 24-bit true color at all resolutions for displaying millions of colors

Storage

- o 6 GB, 10 GB, or 13 GB Ultra ATA hard disk drive
- o Slot-loading, 24x-speed (maximum) CD-ROM drive; or slot-loading, 4x-speed (maximum) DVD-ROM drive (plays DVD-Video discs; plays CD-ROMs at up to 24x speed)
- o Support for external USB storage devices; DV models also support external FireWire storage devices

Communications

- o built-in 56K modem supports V.90 and K56flex standards (RJ-11 connector)*
- o built-in auto-switching 10/100BASE-T Ethernet (RJ-45 connector)
- o AirPort wireless networking slot for optional AirPort Card; runs at up to 11 Mbps; 150-foot maximum range (depending on surrounding environment); 2.4 GHz frequency; nominal power output of 15 dBm; compatible with other devices that comply with the IEEE 802.11 and 802.11HR specifications

Peripheral connections

- o two USB ports running at up to 12 Mbps each; provides up to 500 milliamps per port to support bus-powered devices
- o two, 6-pin FireWire (IEEE 1394) ports running at up to 400 Mbps (DV models only); provides 6 watts of power to support bus-powered devices

Audio

- o integrated, high-performance Odyssey audio system from Harman Kardon
- o built-in microphone for speech recognition and audio recording
- o front-mounted dual mini headphone jacks

- analog audio input and output minijacks; up to 16-bit stereo and 44.1kHz sampling rate
- support for external USB audio devices

Video (DV models only)

- standard VGA output port (15-pin mini D-Sub connector)
 - supports video mirroring; external devices display an image identical to that shown on the built-in display

Keyboard and Mouse

- Apple USB Keyboard
 - integrated two-port USB hub with two Type A USB connectors
 - two-position adjustable slope (0° and 6°) using flip foot
 - 12 programmable function keys
- high-resolution (400 dpi) Apple USB Mouse

Electrical Requirements and Agency Approvals

- line voltage: 100V to 260V
- AC Frequency: 47 to 63 Hz, single phase
- maximum continuous power: 150 W
- EPA ENERGY STAR compliant

Environmental Requirements

- operating temperature: 50° to 95° F (10° to 35° C)
- storage temperature: -40° to 116° F (-40° to 47° C)
- relative humidity: 5% to 95% noncondensing
- maximum altitude: 10,000 feet (3,048 m)

Size and weight

- height: 15.0 inches (38.1 cm)
- width: 15.0 inches (38.1 cm)
- depth: 17.1 inches (43.5 cm)
- weight: 34.7 pounds (15.8 kg)

*Actual modem speeds lower; speed depends on connection rate and other factors.

EXTENDED Information - Apple Internal Use - Service Providers and Support Professional

Document Information

Product Area: iMac (Slot Loading)
Category: iMac Hardware (Slot Load)
Sub Category: Reference

APPLE NEED-TO-KNOW CONFIDENTIAL: Do NOT forward, copy, or otherwise replicate or disseminate verbally, electronically, or in hardcopy (except to those individuals within your organization who have a legitimate business need to know the information, and who have agreed in writing, to keep it confidential), unless Apple has given prior written authorization.
Copyright © 1999-2000, Apple Computer, Inc.