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iMac G5 – Technical Specifications

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iMac G5 – Technical Specifications

Configurations	1.6GHz 17-inch iMac	1.8GHz 17-inch iMac	1.8GHz 20-inch iMac
Model	M9248LL/A	M9249LL/A	M9250LL/A
Processor	1.6GHz PowerPC G5	1.8GHz PowerPC G5	1.8GHz PowerPC G5
Frontside bus	533MHz	600MHz	
Memory	256MB PC3200 (400MHz) DDR SDRAM, supports up to 2GB		
Graphics	NVIDIA GeForce FX 5200 Ultra with 64MB DDR SDRAM with AGP 8X support		
Hard drive ¹	80GB Serial ATA; 7200 rpm ¹		160GB Serial ATA; 7200 rpm ¹
Optical drive	Slot-loading Combo Drive (DVD-ROM/CD-RW)	Slot-loading SuperDrive (DVD-R/CD-RW)	
Display	17-inch (viewable) widescreen TFT active-matrix LCD, 1440 x 900 pixels, millions of colors	20-inch (viewable) widescreen TFT active-matrix LCD, 1680 x 1050 pixels, millions of colors	
Ports	Two FireWire 400 ports; three USB 2.0 ports, two USB 1.1 ports (on keyboard); VGA output ² ; S-video and composite video output ²		
Networking	Built-in 10/100BASE-T Ethernet and 56K V.92 modem ³		
Wireless	AirPort Extreme ready (based on 802.11g specification; IEEE 802.11b Wi-Fi certified) ⁴ ; internal Bluetooth module available as build-to-order option		
Audio	Headphone/optical digital audio output; audio line in		
System software	Mac OS X version 10.3 "Panther," includes Classic environment, Mail, iChat AV, Safari, Sherlock, Address Book, QuickTime, iSync, iCal		
Software	iLife '05 (includes iTunes, iPhoto, iMovie HD, iDVD and GarageBand), AppleWorks, Quicken 2004 for Mac, World Book 2004 Edition, Nanosaur 2, Marble Blast Gold, Microsoft Office 2004 for Mac Test Drive and Apple Hardware Test		
Hardware accessories	Built-in stereo speakers, Apple Keyboard, Apple Mouse, modem cable		
Limited warranty and service	Your iMac G5 comes with 90 days of free telephone support and a one-year limited warranty. Purchase the AppleCare Protection Plan to extend your service and support to three full years. Only the AppleCare Protection Plan provides you with direct telephone support from Apple technical experts and the assurance that repairs will be handled by Apple-certified technicians using genuine Apple parts. For more information, visit Apple support or call 800-823-2775.		
Internet access	All models include 30 days of free dial-up Internet service with EarthLink (North America only) activation. Internet access requires a compatible Internet service provider; fees may apply.		
Build-to-Order Options	Order a custom-configured computer from the online Apple Store or an authorized Apple reseller.		
Cables and adapters	Apple VGA Display Adapter M8639G/A Apple Video Adapter M9109G/A Apple FireWire Cable (4-pin to 6-pin) M8706G/A iMac G5 VESA Mount Adapter Kit M9755G/A		
DVD	Apple DVD-R Media Kit M9472G/A		
Audio	Apple iPod		
Wireless	AirPort Extreme Card M8881LL/A AirPort Express Featuring AirTunes M9470LL/A AirPort Extreme Base Station (with modem and antenna port) M8799LL/A Internal Bluetooth module with antenna D-Link USB Bluetooth Adapter T6295ZM/A		
Services	AppleCare Protection Plan M8851LL/A .Mac Subscription: Retail Box MA175Z/A Family Pack MA176Z/A		

Technical Specifications

Processor and memory

- 1.6GHz or 1.8GHz PowerPC G5 processor with Velocity Engine
- 512K on-chip level 2 cache at full processor speed
- 533MHz or 600MHz frontside bus
- 256MB of PC3200 (400MHz) DDR SDRAM expandable to 2GB; two memory slots

Storage

- 80 or 160GB 7200-rpm Serial ATA hard disk drive
- One of the following optical drives:
 - Combo drive (DVD-ROM/CD-RW): reads DVDs at up to 8x speed, writes CD-R discs at up to 24x speed, writes CD-RW discs at up to 16x speed, reads CDs at up to 24x speed
 - SuperDrive (DVD-R/CD-RW): writes DVD-R discs at up to 4x speed, reads DVDs at up to 8x speed, writes CD-R discs at up to 16x speed, writes CD-RW discs at up to 8x speed, reads CDs at up to 24x speed

Communications

- Built-in 56K V.92 modem (RJ-11 connector)³
- Built-in 10/100BASE-T Ethernet (RJ-45 connector)
- Built-in antennas and expansion slot for optional 54-Mbps AirPort Extreme Card (based on IEEE 802.11g standard; Wi-Fi Certified for 802.11g and 802.11b interoperability)³
- Optional internal Bluetooth module

Peripheral connections

- Two FireWire 400 ports; 8 watts shared
- Total of five USB ports: three USB 2.0 ports (up to 480 Mbps) on computer, two USB 1.1 ports on keyboard

Display

- Built-in 17-inch (viewable) widescreen or 20-inch (viewable) widescreen TFT active-matrix liquid crystal display
- Millions of colors at all resolutions
- Typical viewing angle:
 - 17-inch models
 - 120° horizontal
 - 90° vertical
 - 20-inch model
 - 170° horizontal
 - 170° vertical
- Typical brightness: 200 cd/m (17-inch models); 230 cd/m (20-inch model)
- Typical contrast ratio: 350:1

Graphics support

- NVIDIA GeForce FX 5200 Ultra graphics processor with AGP 8X support
- 64MB of dedicated Double Data Rate (DDR) video memory
- 17-inch display resolutions:
 - 16:10 aspect ratio
 - 1440 x 900 pixels (native)
 - 1152 x 720
 - 1024 x 640
 - 800 x 500
 - 4:3 aspect ratio
 - 1024 x 768 pixels
 - 800 x 600
 - 640 x 480
- 20-inch display resolutions:
 - 16:10 aspect ratio
 - 1680 x 1050 pixels (native)
 - 1344 x 840
 - 1280 x 800
 - 1024 x 640
 - 840 x 524
 - 800 x 500
 - 4:3 aspect ratio
 - 1024 x 768 pixels
 - 800 x 600

- 640 x 480

Video

- VGA output port for video mirroring on external display or projector²
- S-video and composite video output to connect directly to a TV or projector²
- Output resolutions: 640 x 480 pixels at 60Hz, 800 x 600 pixels at 75Hz and 1024 x 768 pixels at 75Hz

Audio

- Built-in stereo speakers
- Internal 12-watt digital amplifier
- Headphone/optical digital audio output
- Audio line input
- Built-in microphone

Electrical and environmental requirements

- Meets ENERGY STAR requirements
- Line voltage: 100-120V AC or 100-240V AC, depending on country of purchase
- Frequency: 47Hz to 63Hz, single phase
- Maximum continuous power: 180W
- Operating temperature: 50° to 95° F (10° to 35° C)
- Storage temperature: -40° to 185° F (-40° to 85° C)
- Relative humidity: 5% to 95% noncondensing
- Maximum altitude: 10,000 feet

Size and weight (20-inch)

- Height: 18.6 inches (47.2 cm)
- Width: 19.4 inches (49.3 cm)
- Depth: 7.4 inches (18.9 cm)
- Weight: 25.2 pounds (11.4 kg)⁵

Size and weight (17-inch)

- Height: 16.9 inches (43.0 cm)
- Width: 16.8 inches (42.6 cm)
- Depth: 6.8 inches (17.3 cm)
- Weight: 18.5 pounds (8.4 kg)⁵

1. 1GB = 1 billion bytes; actual formatted capacity less.

2. Requires adapter, sold separately.

3. Compatible ISP and telephone services required. Your ISP may not support all V.92 features. Modem will function according to V.90 standards if V.92 services are not available. Actual modem speeds lower.

4. Wireless Internet access requires AirPort Extreme Card; AirPort, AirPort Express or AirPort Extreme Base Station; and Internet access (fees may apply). Some ISPs are not currently compatible with AirPort.

5. Weight varies by configuration and manufacturing process.

Internet access requires a compatible Internet service provider; fees may apply.

Product contains electronic documentation.

Backup copy of software is included.