






Apple Desktop Comparison Chart! AS OF 8/13/02

STOCK MODELS from Apple's online store	iMac G3 Classic	eMac		iMac G4 Flat-Panel			
							
	iMac G3	eMac Combo Drive	eMac SuperDrive	iMac G4 CD-RW	iMac G4 Combo Drive	iMac G4 SuperDrive	17" iMac SuperDrive
	\$800	\$1,100	\$1,500	\$1,300	\$1,500	\$1,800	\$2,000

Design / Ergonomics

Design/Styling:	White		"Lamp"-style White; 180° swing arm			
Mobility:	All-in-one design; Built-in handle	AIO Design		All-in-one design; Neck acts as handle		
Weight:	35 lbs.	50 lbs.		22 lbs.		
Component Access:	Quick access to wireless card & RAM cards					
Cables/Cords:	4			6		
Deskspace Used:	255 sq. inches	270 sq. in.		88 sq. inches		
Noise Volume:	Nearly silent (convection cooled)	Ultraquiet Fan				
Energy Use:	150 Watts total (appx. \$27/year)	170 Watts total (appx. \$30/yr)		130 Watts total (appx. \$24 / year)		

Hardware: Processor / RAM

Processor:	≈650 MHz P4 600 MHz PowerPC G3	≈1.1 GHz P4 700 MHz PowerPC G4	≈1.2 GHz P4 800 MHz PowerPC G4	≈ 1.1 GHz P4 700 MHz PowerPC G4	≈ 1.2 GHz P4 800 MHz PowerPC G4
L1 Cache:	64k				
L2 Cache:	256K on-chip				
Memory Type:	SDRAM PC100			SDRAM PC133	
Frontside Bus:	100 MHz bus				
Memory Included:	128 MB (1 x 128)	256 MB (1 x 256)	128 MB (1 x 128)	256 MB (1 x 256)	
Max RAM:	1.0 GB (2 slots)		768 MB (2 slots) (1.0 GB available as BTO only)		

Hardware: Storage

Hard Drive Capacity:	40 GB	60 GB	40 GB	60 GB	80 GB
Hard Drive Speed:	Ultra ATA 66 5400 rpm				
CD Optical Drive:	24x CD-Rom (slot-loading)	24x10x32x CD-RW	8x4x24x CD-RW	24x10x32x CD-RW	12x8x32x CD-RW 8x4x24x CD-RW
DVD Optical Drive:	--	2x1x6x DVD-RW	--	8x DVD-Rom	2x1x6x DVD-RW
Zip/Other Drive:	(optional external USB or FireWire Zip/floppy/etc. drives available)				

Hardware: Internal Expansion








PCI/AGP Slots:	0 / 1
Internal Bays:	0 / 1
External Bays:	0 / 1

Hardware: External Expansion / Peripherals

Mouse Included:	Ambidextrous USB Optical Pro Mouse (3rd-party multi-button/scrollwheel mice also available)
Keyboard Included:	USB Pro Keyboard w/volume control, mute & CD-Eject buttons + 2 USB ports
USB Ports:	2 on CPU side +2 on keyboard = 4 total; 2 available 3 on CPU back + 2 on keyboard = 5 total; 3 available
FireWire Ports:	2 On-board ports (400 Mbps transfer speed); 1 6' 6-pin to 6-pin FireWire Cable

Hardware: Graphics / Video / Audio

Graphics Card:	ATI Rage 128 Ultra	nVIDIA GeForce2 MX 400	nVIDIA GeForce4 MX 440
Video RAM:	16 MB SDRAM	32 MB DDR SDRAM	
VGA Out:	VGA (Mirroring; see below)		
TV/Composite Out:	(optional via 3rd party solution)		
TV/S-Video Out:	(optional via 3rd party solution)		
Dual Display Support?:	Mirroring Only		

STOCK MODELS from Apple's online store							
Display Included:	13.8" viewable CRT (integrated)	16" viewable flatscreen CRT (integrated)		15" viewable LCD; 100% digital (integrated)			17" viewable wide LCD; 100% digital (integrated)
Max. included-display resolution:	1024x768	1280x960		1024x768			1440x900
Viewable Angle:	<i>n/a (CRT)</i>			120° V / 90° H			
Brightness:	<i>n/a (CRT)</i>			200 cd/m			
Contrast:	<i>n/a (CRT)</i>			300:1			
Microphone/Line in:	Built-in microphone, Audio-in jack, digital audio-ready			Built-in microphone, digital-audio ready			
Headphone/Line out:	2 Headphone jacks, Ext. speaker jack, Digital Audio-ready	Headphone jack, Ext. speaker jack, Digital Audio-ready					
Speakers Included:	Harmon-Kardon stereo speakers (integrated)			18-watt Internal speaker	Harmon Kardon Stereo Pro Speakers		
Hardware: Networking							
10/100 Ethernet:	10/100 Base-T Ethernet Built-in						
56k Internal Modem:	56k V.90 internal modem w/FaxSTF software & phone cord						
802.11b Wireless Networking?	integrated 802.11b (Airport) card slot; integrated antennae; Built-in 802.11b Base Station software (requires optional Airport card)						
Software: Operating Systems / Compatibility							
Included OS:	Mac OS X 10.1, Mac OS 9.2 (dual-boot system), BSD Unix (full Unix core under OS X; also includes FULL Apache Web Server; OS X fully Java 2 compliant)						
OS Compatibility:	Windows 95, 98, ME, 2000 & XP (via Virtual PC); Mac OS (any); Asstd. builds of Linux; BSD Unix, A/UX Unix						
Software: Applications / Utilities / etc.							
Word Processor Included:	AppleWorks 6.2 (MSFT Word compatible)						
Spreadsheet Software Included:	AppleWorks 6.2 (MSFT Excel compatible)						
Presentation Software Included:	AppleWorks 6.2						
Database Software Included:	AppleWorks 6.2						
Drawing/Painting Software Included:	AppleWorks 6.2						
Web Browser Included:	Internet Explorer 5.2, Netscape 4.7						
E-Mail/Address Book Software Included:	OS X Mail, Outlook Express 5						
Media Player Included:	Quicktime 6, DVD Player (Media Player 7 & RealOne Player available as free downloads)						
Financial Software Included:	Quicken 2002 Deluxe						
Reference Software Included:	World Book Mac OS X Edition						
Digital Image/Graphics Management Software Included:	iPhoto 1.1						
Digital Video Editing Software Included:	iMovie 2						
Music Software/CD Burning Software Included:	iTunes 3; Disc Burner						
DVD Burning Software Included:	Disc Burner	iDVD 2, Disc Burner		Disc Burner			iDVD 2, Disc Burner
Games Included:	Chess, Otto Matic, Deimos Rising						
Additional Software Included:	FaxSTF, EarthLink, AOL, Acrobat Reader 5.0, Apple Hardware Test CD; assorted additional software bundled w/OS						
Services, Warranty, Durability, etc.							
Free ISP/Other Services:	1 month free EarthLink						
Virus Susceptibility/Security Issues:	only 45 known viruses (as opposed to well over 50,000 for Windows!); built-in firewall (OS X); not vulnerable to IIS DDoS attacks. BUILT-IN FIREWALL.						
Warranty Included:	1 yr. ltd.hardware, 90 days phone support 3 year AppleCare Protection Plan available for \$149						
Total Price:	\$799	\$1,099	\$1,499	\$1,399	\$1,599	\$1,799	\$1,999