















# 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
<b>Design / Ergonomics</b>							
<b>Design/Styling:</b>	White			"Lamp"-style White; 180° swing arm			
<b>Mobility:</b>	All-in-one design; Built-in handle	AIO Design		All-in-one design; Neck acts as handle			
<b>Weight:</b>	35 lbs.	50 lbs.		22 lbs.			
<b>Component Access:</b>	Quick access to wireless card & RAM cards						
<b>Cables/Cords:</b>	4			6			
<b>Deskspace Used:</b>	255 sq. inches	270 sq. in.		88 sq. inches			
<b>Noise Volume:</b>	Nearly silent (convection cooled)	Ultraquiet Fan					
<b>Energy Use:</b>	150 Watts total (appx. \$27/year)	170 Watts total (appx. \$30/yr)		130 Watts total (appx. \$24 / year)			
<b>Hardware: Processor / RAM</b>							
<b>Processor:</b>	≈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	
<b>L1 Cache:</b>	64k						
<b>L2 Cache:</b>	256K on-chip						
<b>Memory Type:</b>	SDRAM PC100			SDRAM PC133			
<b>Frontside Bus:</b>	100 MHz bus						
<b>Memory Included:</b>	128 MB (1 x 128)		256 MB (1 x 256)	128 MB (1 x 128)		256 MB (1 x 256)	
<b>Max RAM:</b>	1.0 GB (2 slots)		768 MB (2 slots) (1.0 GB available as BTO only)				
<b>Hardware: Storage</b>							
<b>Hard Drive Capacity:</b>	40 GB		60 GB	40 GB		60 GB	80 GB
<b>Hard Drive Speed:</b>	Ultra ATA 66 5400 rpm						
<b>CD Optical Drive:</b>	24x CD-Rom (slot-loading)	24x10x32x CD-RW	8x4x24x CD-RW	24x10x32x CD-RW	12x8x32x CD-RW	8x4x24x CD-RW	
<b>DVD Optical Drive:</b>	--		2x1x6x DVD-RW	--	8x DVD-Rom	2x1x6x DVD-RW	
<b>Zip/Other Drive:</b>	(optional external USB or FireWire Zip/floppy/etc. drives available)						
<b>Hardware: Internal Expansion</b>							
<b>PCI/AGP Slots:</b>	0 / 1						
<b>Internal Bays:</b>	0 / 1						
<b>External Bays:</b>	0 / 1						
<b>Hardware: External Expansion / Peripherals</b>							
<b>Mouse Included:</b>	Ambidextrous USB Optical Pro Mouse (3rd-party multi-button/scrollwheel mice also available)						
<b>Keyboard Included:</b>	USB Pro Keyboard w/volume control, mute & CD-Eject buttons + 2 USB ports						
<b>USB Ports:</b>	2 on CPU side +2 on keyboard = 4 total; 2 available	3 on CPU back + 2 on keyboard = 5 total; 3 available					
<b>FireWire Ports:</b>	2 On-board ports (400 Mbps transfer speed); 1 6' 6-pin to 6-pin FireWire Cable						
<b>Hardware: Graphics / Video / Audio</b>							
<b>Graphics Card:</b>	ATI Rage 128 Ultra	nVIDIA GeForce2 MX 400				nVIDIA GeForce4 MX 440	
<b>Video RAM:</b>	16 MB SDRAM	32 MB DDR SDRAM					
<b>VGA Out:</b>	VGA (Mirroring; see below)						
<b>TV/Composite Out:</b>	(optional via 3rd party solution)						
<b>TV/S-Video Out:</b>	(optional via 3rd party solution)						
<b>Dual Display Support?:</b>	Mirroring Only						

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<b>Display Included:</b>	13.8" viewable CRT (integrated)	16" viewable flatscreen CRT (integrated)		15" viewable LCD; 100% digital (integrated)			17" viewable wide LCD; 100% digital (integrated)
<b>Max. included-display resolution:</b>	1024x768	1280x960		1024x768			1440x900
<b>Viewable Angle:</b>	<i>n/a (CRT)</i>			120° V / 90° H			
<b>Brightness:</b>	<i>n/a (CRT)</i>			200 cd/m			
<b>Contrast:</b>	<i>n/a (CRT)</i>			300:1			
<b>Microphone/Line in:</b>	Built-in microphone, Audio-in jack, digital audio-ready			Built-in microphone, digital-audio ready			
<b>Headphone/Line out:</b>	2 Headphone jacks, Ext. speaker jack, Digital Audio-ready	Headphone jack, Ext. speaker jack, Digital Audio-ready					
<b>Speakers Included:</b>	Harmon-Kardon stereo speakers (integrated)			18-watt Internal speaker	Harmon Kardon Stereo Pro Speakers		
<b>Hardware: Networking</b>							
<b>10/100 Ethernet:</b>	10/100 Base-T Ethernet Built-in						
<b>56k Internal Modem:</b>	56k V.90 internal modem w/FaxSTF software & phone cord						
<b>802.11b Wireless Networking?</b>	integrated 802.11b (Airport) card slot; integrated antennae; Built-in 802.11b Base Station software (requires optional Airport card)						
<b>Software: Operating Systems / Compatibility</b>							
<b>Included OS:</b>	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)						
<b>OS Compatibility:</b>	Windows 95, 98, ME, 2000 & XP (via Virtual PC); Mac OS (any); Asstd. builds of Linux; BSD Unix, A/UX Unix						
<b>Software: Applications / Utilities / etc.</b>							
<b>Word Processor Included:</b>	AppleWorks 6.2 (MSFT Word compatible)						
<b>Spreadsheet Software Included:</b>	AppleWorks 6.2 (MSFT Excel compatible)						
<b>Presentation Software Included:</b>	AppleWorks 6.2						
<b>Database Software Included:</b>	AppleWorks 6.2						
<b>Drawing/Painting Software Included:</b>	AppleWorks 6.2						
<b>Web Browser Included:</b>	Internet Explorer 5.2, Netscape 4.7						
<b>E-Mail/Address Book Software Included:</b>	OS X Mail, Outlook Express 5						
<b>Media Player Included:</b>	Quicktime 6, DVD Player (Media Player 7 & RealOne Player available as free downloads)						
<b>Financial Software Included:</b>	Quicken 2002 Deluxe						
<b>Reference Software Included:</b>	World Book Mac OS X Edition						
<b>Digital Image/Graphics Management Software Included:</b>	iPhoto 1.1						
<b>Digital Video Editing Software Included:</b>	iMovie 2						
<b>Music Software/CD Burning Software Included:</b>	iTunes 3; Disc Burner						
<b>DVD Burning Software Included:</b>	Disc Burner	iDVD 2, Disc Burner	Disc Burner	iDVD 2, Disc Burner			
<b>Games Included:</b>	Chess, Otto Matic, Deimos Rising						
<b>Additional Software Included:</b>	FaxSTF, EarthLink, AOL, Acrobat Reader 5.0, Apple Hardware Test CD; assorted additional software bundled w/OS						
<b>Services, Warranty, Durability, etc.</b>							
<b>Free ISP/Other Services:</b>	1 month free EarthLink						
<b>Virus Susceptibility/Security Issues:</b>	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.						
<b>Warranty Included:</b>	1 yr. ltd.hardware, 90 days phone support 3 year AppleCare Protection Plan available for \$149						
<b>Total Price:</b>	\$799	\$1,099	\$1,499	\$1,399	\$1,599	\$1,799	\$1,999