

APPLE LAPTOP COMPARISON CHART (Updated as of 11/6/02)

Compiled by Charles Gaba www.brainwrap.com					
	iBook CD-Rom	iBook Combo Drive	14" iBook	PowerBook G4	PowerBook G4 SuperDrive
	\$999	\$1,299	\$1,599	\$2,299	\$2,999

Design/Ergonomics:

Dimensions:	132 cubic in.	175 cubic in.	127 cubic in.
Weight:	4.9 lbs	5.9 lbs.	5.4 lbs.
Battery Life:	up to 5 hrs.	up to 6 hrs.	up to 5 hrs.

Hardware: Processor/RAM

Processor:	700 MHz G3	800 MHz PowerPC G3	867 MHz G4	1.0 GHz G4
Equal to...	800 MHz Pent. 4	900 MHz Pentium 4	1.3 GHz Pent. 4	1.5 GHz Pent. 4
L1 Cache:	64 k			
L2 Cache:	512k on-chip		256k on-chip	
L3 Cache:	--		1 MB DDR	
Memory Type:	SDRAM PC100		SDRAM PC133	
Frontside Bus:	100 MHz		133 MHz	
RAM Included:	128 MB (1 DIMM)	256 MB (2 DIMM)	256 MB (1 DIMM)	512 MB (1 DIMM)
Max. RAM:	640 MB (1 + 1 open slot)		1.0 GB (2 slots)	

Hardware: Storage

Hard Drive Size:	20 GB	30 GB	40 GB	60 GB
HD Type/Speed:	Ultra ATA 66 / 4200 rpm			
CD Drive:	24x CD-Rom	16x8x24x CD-RW	8x8x24x CD-RW	8x4x24x CD-RW
DVD Drive:	--	8x DVD		1x1x6x DVD-RW

Hardware: Internal Expansion

PC Card Slots:	internal 802.11b (Airport) card slot	internal 802.11b card slot + 1 PCMCIA
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Hardware: External Expansion/Peripherals

USB Ports:	2 on-board USB 1.1 ports
FireWire Ports:	1 on-board 400 Mbps Firewire port

Hardware: Graphics/Video/Audio

Graphics Card:	ATI Mobility Radeon 7500		ATI Mobility Radeon 9000	
Video RAM:	16 MB dedicated	32 MB dedicated	32 MB DDR	64 MB DDR
VGA Out:	Yes (mirroring; adapter included)		Yes (spanning or mirroring; adapter inc.)	
S-Video Out:	Yes (optional adapter)		Yes (adapter included)	
Composite-Out:	Yes (optional adapter)		Yes (adapter included)	
DVI Out:	--		Yes (adapter included)	
Display Type:	12.1" TFT XGA	14.1" TFT XGA	15.2" TFT XGA (widescreen)	
Native Dis. Res.:	1024x768 (0.8 Mpx.)		1280x854 (1.1 Mpx.)	
Ext. Disp. Res.:	1024x768 (0.8 Mpx.)		2048x1536 (3.1 Mpx.)	
Audio In:	Built-in microphone; also digital audio-ready		Built-in mic.; line-in; digital audio-ready	
Audio Out:	Headphone/line-out port; also digital audio-ready			
Stereo Speakers:	Yes			

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Hardware: Networking					
10/100 Ethernet:	Yes (on-board)				
Gigabit Ethernet:	--			Yes (on-board)	
56k Int. Modem:	Yes (on-board)				
802.11b Wi-Fi:	Integrated 802.11b (Airport) card slot; integrated antennae.				Card/Antennae inc.
Networking:	Built-in 802.11b Airport Base Station (<i>requires optional Airport card</i>)				Base Station inc.
Bluetooth?	optional				
Software: Operating Systems/Compatibility					
Included OS:	Mac OS X 10.2 Jaguar; Mac OS 9.2 (dual-boot); BSD Unix (full Unix core under OS X; full Apache web server; OS X fully Java 2 compliant; Rendezvous Zero-Config networking; System-wide save-as-PDF support (any file); system-wide handwriting recognition				
Windows Supp.:	DOS / Win '95 / Win '98 / Win ME / Win 2000 / Windows XP via optional Virtual PC				
Linux OS Supp.:	Linux PPC, Yellow Dog, Mandrake (native); Redhat, etc. (via optional Virtual PC)				
Software: Applications/Utilities/Etc. (included titles listed; other titles available for all categories)					
Word Processor:	AppleWorks 6.2 (MSFT Word Compatible)			--	
Spreadsheet:	AppleWorks 6.2 (MSFT Excel compatible)			--	
Presentations:	AppleWorks 6.2			--	
Database:	AppleWorks 6.2			--	
Drawing/Painting:	AppleWorks 6.2; PixelNhance			Art Directors Toolkit; Graphic Converter; OmniGraffle; PixelNhance	
Calendar/PIM:	OS X Address Book; iCal; iSync				
Project/Planning:	--			OmniOutliner	
Financial:	Quicken 2003 Deluxe			--	
Reference:	World Book Encyclopedia 2003 OS X			--	
Digital Photo:	iPhoto 1.1; PixelNhance			iPhoto 1.1; PixelNhance; Graphic Converter; Snapx Pro X	
Digital Video Edit:	iMovie 2				
Music/CD Burn:	iTunes 3; Disc Burner				
DVD Burn/Author:	Disc Burner				iDVD; Disc Burner
Games Included:	Chess; Otto Matic; Deimos Rising			Chess	
Other Software:	Palm Desktop; Quicktime 6; DVD Player; FaxSTF; OS X Mail; Microsoft Internet Explorer 5.2; Netscape 4.8; Outlook Exp. 5; Earthlink; AOL; Acrobat Reader 5.0; Hardware Test CD Other assorted additional software bundled with OS.			(all software listed to the left, plus PCalc & Developers Tools CD)	
Services/Warranty/Durability/etc.					
ISP/Services:	1 Month Free Earthlink; 90 Day .Mac Trial Account				
Viruses/Security:	Only about 50 known viruses (compared w/over 60,000 for Windows); Built-in Firewall; not vulnerable to IIS DDoS attacks				
Warranty:	1 yr. Ltd. Warranty; 90 days phone tech support included				
	3 yr. AppleCare Protection Plan available for \$249			3 yr. AppleCare available for \$349	
Product Quality: & Service:	Received an exemplary "Good Guys" rating from ConsumerAffairs.com (other 5 major U.S. PC makers all received negative "Rogues Gallery" rating)				
Price/Shipping:					
Total Price (free shipping!)	\$999	\$1,299	\$1,599	\$2,299	\$2,999
	tax not included				