

## APPLE LAPTOP COMPARISON CHART (Updated as of 4/22/03)

Compiled by Charles Gaba <a href="http://www.brainwrap.com">www.brainwrap.com</a>							
	<b>iBook CD-Rom</b>	<b>iBook Combo Drive</b>	<b>14" iBook</b>	<b>12" PowerBook</b>	<b>PowerBook G4</b>	<b>PowerBook G4 SuperDrive</b>	<b>17" PowerBook G4</b>
	<b>\$999</b>	<b>\$1,299</b>	<b>\$1,499</b>	<b>\$1,799</b>	<b>\$2,299</b>	<b>\$2,799</b>	<b>\$3,299</b>

### Design/Ergonomics:

<b>Dimensions:</b>	132 cubic in.	175 cubic in.	112 cubic in.	127 cubic in.	157 cubic in.
<b>Weight:</b>	4.9 lbs	5.9 lbs.	4.6 lbs.	5.4 lbs.	6.8 lbs.
<b>Battery Life:</b>	up to 5 hrs.	up to 6 hrs.	up to 5 hrs.		up to 4.5 hrs.

### Hardware: Processor/RAM

<b>Processor:</b>	800 MHz G3	900 MHz PowerPC G3	867 MHz PowerPC G4 w/Altivec	1.0 GHz PowerPC G4 w/Altivec	
<b>Equal to...</b>	<b>900 MHz Pent. 4</b>	<b>1.0 GHz Pentium 4</b>	<b>1.3 GHz Pent. 4</b>	<b>1.5 GHz Pent. 4</b>	
<b>L1 Cache:</b>	64 k				
<b>L2 Cache:</b>	512k on-chip		256k on-chip		
<b>L3 Cache:</b>	--		1 MB DDR		
<b>Memory Type:</b>	SDRAM PC100		DDR PC2100	SDRAM PC133	DDR PC2700
<b>Frontside Bus:</b>	100 MHz		133 MHz		166 MHz
<b>RAM Included:</b>	128 MB (1 DIMM)	256 MB (2 DIMM)	256 MB (1 DIMM)	512 MB (2 DIMM)	512 MB (1 DIMM)
<b>Max. RAM:</b>	640 MB (1 + 1 open slot)		1.0 GB (2 slots)		

### Hardware: Storage

<b>Hard Drive Size:</b>	30 GB	40 GB	60 GB		
<b>HD Type/Speed:</b>	Ultra ATA 66 / 4200 rpm		Ultra ATA 100/4200	Ultra ATA 66 / 4200 rpm	Ultra ATA 100 / 4200 rpm
<b>CD Drive:</b>	24x CD-Rom	24x10x24x CD-RW	8x8x24x CD-RW	8x4x24x CD-RW	
<b>DVD Drive:</b>	--	8x DVD	1x1x6x DVD-RW	2x2x6x DVD-RW	

### Hardware: Internal Expansion

<b>PC Card Slots:</b>	internal 802.11b (Airport) card slot	802.11g card slot	int. 802.11b card slot + 1 PCMCIA slot	802.11g slot + 1 PC slot
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### Hardware: External Expansion/Peripherals

<b>USB Ports:</b>	2 on-board USB 1.1 ports		
<b>FireWire Ports:</b>	1 on-board 400 Mbps Firewire port		2 ports (1@400, 1@800)

### Hardware: Graphics/Video/Audio

<b>Graphics Card:</b>	ATI Mobility Radeon 7500	GeForce 420 Go	ATI Mobility Radeon 9000	nVidia GeForce 440 Go
<b>Video RAM:</b>	32 MB DDR-SDRAM (dedicated)		64 MB DDR	
<b>VGA Out:</b>	Yes (mirroring; adapter included)		Yes (spanning or mirroring; adapter inc.)	

	iBook CD-Rom	iBook Combo Drive	14" iBook	12" PowerBook	PowerBook G4	PowerBook G4 SuperDrive	17" PowerBook G4
<b>S-Video Out:</b>	Yes (optional adapter)			Yes (adapter included)			
<b>Composite-Out:</b>	Yes (optional adapter)			Yes (adapter included)			
<b>DVI Out:</b>	--			Yes (adapter included)			
<b>Display Type:</b>	12.1" TFT XGA		14.1" TFT XGA	12.1" TFT XGA	15.2" TFT XGA (widescreen)		17" TFT XGA (widescreen)
<b>Native Dis. Res.:</b>	1024x768 (0.8 Mpx.)				1280x854 (1.1 Mpx.)		1440x900 (1.3 Mpx.)
<b>Ext. Disp. Res.:</b>	1024x768 (0.8 Mpx.)			2048x1536 (3.1 Mpx.)			
<b>Audio In:</b>	Built-in microphone; also digital audio-ready			Built-in mic.; line-in; digital audio-ready			
<b>Audio Out:</b>	Headphone/line-out port; also digital audio-ready						
<b>Stereo Speakers:</b>	Yes						
<b>Hardware: Networking</b>							
<b>10/100 Ethernet:</b>	Yes (on-board)						
<b>Gigabit Ethernet:</b>	--			Yes (on-board)			
<b>56k Int. Modem:</b>	Yes (on-board)						
<b>802.11b Wi-Fi:</b>	Integrated 802.11b (Airport) card slot; integrated antennae.			opt. 802.11g card	optional Airport	included Airport	incl. 802.11g card
<b>Networking:</b>	Built-in 802.11b Airport Base Station ( <i>requires Airport card</i> )			incl. 802.11g B.S.	built-in Airport base station		incl. 802.11g base station
<b>Bluetooth?</b>	Optional Bluetooth card			Built-in	Optional Bluetooth card		Built-in
<b>Software: Operating Systems/Compatibility</b>							
<b>Included OS:</b>	Mac OS X 10.2; Mac OS 9.2 (dual-boot);			Mac OS X 10.2; Mac OS 9.2 (via Classic);			
	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)						
<b>Windows Supp.:</b>	DOS / Win '95 / Win '98 / Win ME / Win 2000 / Windows XP via optional Virtual PC						
<b>Linux OS Supp.:</b>	Linux PPC, Yellow Dog, Mandrake (native); Redhat, etc. (via optional Virtual PC)						
<b>Software: Applications/Utilities/Etc. (included titles listed; other titles available for all categories)</b>							
<b>Word Processor:</b>	AppleWorks 6.2 (MSFT Word Compatible)			MSFT Word X Test Drive			
<b>Spreadsheet:</b>	AppleWorks 6.2 (MSFT Excel compatible)			MSFT Excel X Test Drive			
<b>Presentations:</b>	AppleWorks 6.2			MSFT PowerPoint X Test Drive			
<b>Database:</b>	AppleWorks 6.2			FileMaker Pro 6 Trial			
<b>Drawing/Painting:</b>	AppleWorks 6.2; PixelNhance			Art Directors Toolkit; Graphic Converter; OmniOutliner			
<b>Calendar/PIM:</b>	OS X Address Book; iCal; iSync			OS X Address Book; iCal; iSync; MSFT Entourage X Test Drive			
<b>Project/Planning:</b>	--			OmniOutliner			
<b>Financial:</b>	Quicken 2003 Deluxe			QuickBooks Pro New Users Edition			
<b>Reference:</b>	World Book Encyclopedia 2003 OS X			--			
<b>Digital Photo:</b>	iPhoto 2; PixelNhance			iPhoto 2; Graphic Converter 4.5			
<b>Digital Video Edit:</b>	iMovie 3						
<b>Music/CD Burn:</b>	iTunes 3; Disc Burner						

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<b>DVD Burn/Author:</b>	Disc Burner					iDVD 3; Disc Burner	
<b>Games Included:</b>	Chess; Otto Matic; Deimos Rising			Chess			
<b>Other Software:</b>	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.			QuickTime 6, iChat, DVD Player, Microsoft Internet Explorer 5.2, Acrobat Reader, FAXstf FAXstf, Developer Tools, Apple Hardware Test			
<b>Services/Warranty/Durability/etc.</b>							
<b>ISP/Services:</b>	1 Month Free Earthlink; 90 Day .Mac Trial Account						
<b>Viruses/Security:</b>	Only about 50 known viruses (compared w/over 60,000 for Windows); Built-in Firewall; not vulnerable to IIS DDoS attacks						
<b>Warranty:</b>	1 yr. Ltd. Warranty; 90 days phone tech support included						
	3 yr. AppleCare Protection Plan available for \$249			3 yr. AppleCare available for \$349			
<b>Product Quality: &amp; Service:</b>	Received an exemplary "Good Guys" rating from ConsumerAffairs.com (other 5 major U.S. PC makers all received negative "Rogues Gallery" rating)						
<b>Price/Shipping:</b>							
<b>Total Price (free shipping!)</b>	<b>\$999</b>	<b>\$1,299</b>	<b>\$1,499</b>	<b>\$1,799</b>	<b>\$2,299</b>	<b>\$2,799</b>	<b>\$3,299</b>
	tax not included						