

APPLE LAPTOP COMPARISON CHART (Updated as of 1/8/03)

| | | | | | | | |
|---|---|--------------------------|---|--|---|--------------------------------|---|
| Compiled by Charles Gaba www.brainwrap.com |  | |  |  |  | |  |
| | iBook CD-Rom | iBook Combo Drive | 14" iBook | 12" PowerBook | PowerBook G4 | PowerBook G4 SuperDrive | 17" PowerBook G4 |
| | \$999 | \$1,299 | \$1,499 | \$1,799 | \$2,299 | \$2,799 | \$3,299 |

Design/Ergonomics:

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

Hardware: Processor/RAM

| | | | | | |
|-----------------------|--------------------------|--------------------------|------------------------------|------------------------------|-----------------|
| Processor: | 700 MHz G3 | 800 MHz PowerPC G3 | 867 MHz PowerPC G4 w/AltiVec | 1.0 GHz PowerPC G4 w/AltiVec | |
| 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 | | DDR PC2100 | SDRAM PC133 | DDR PC2700 |
| Frontside Bus: | 100 MHz | | 133 MHz | | 166 MHz |
| RAM Included: | 128 MB (1 DIMM) | 256 MB (2 DIMM) | 256 MB (1 DIMM) | 512 MB (2 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 | | Ultra ATA 100/4200 | Ultra ATA 66 / 4200 rpm | Ultra ATA 100 / 4200 rpm |
| CD Drive: | 24x CD-Rom | 16x8x24x CD-RW | 24x10x24x CD-RW | 8x8x24x CD-RW | 8x4x24x CD-RW |
| DVD Drive: | -- | 8x DVD | | 1x1x6x DVD-RW | 2x2x6x DVD-RW |

Hardware: Internal Expansion

| | | | | |
|-----------------------|--------------------------------------|-------------------|--|--------------------------|
| PC Card Slots: | internal 802.11b (Airport) card slot | 802.11g card slot | int. 802.11b card slot + 1 PCMCIA slot | 802.11g slot + 1 PC slot |
|-----------------------|--------------------------------------|-------------------|--|--------------------------|

Hardware: External Expansion/Peripherals

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

Hardware: Graphics/Video/Audio

| | | | | | |
|-----------------------|-----------------------------------|-----------------|---|--------------------------|-----------------------|
| Graphics Card: | ATI Mobility Radeon 7500 | | GeForce 420 Go | ATI Mobility Radeon 9000 | nVidia GeForce 440 Go |
| 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.) | | |

| | iBook CD-Rom | iBook Combo Drive | 14" iBook | 12" PowerBook | PowerBook G4 | PowerBook G4 SuperDrive | 17" PowerBook G4 |
|--|--|----------------------|---------------|---|-------------------------------|----------------------------|----------------------------|
| 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 | 12.1" TFT XGA | 15.2" TFT XGA (widescreen) | | 17" TFT XGA (widescreen) |
| Native Dis. Res.: | 1024x768 (0.8 Mpx.) | | | | 1280x854 (1.1 Mpx.) | | 1440x900 (1.3 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 | | | | | | |
| 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. | | | opt. 802.11g card | optional Airport | included Airport | incl. 802.11g card |
| Networking: | 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 |
| Bluetooth? | Optional Bluetooth card | | | Built-in | Optional Bluetooth card | | Built-in |
| Software: Operating Systems/Compatibility | | | | | | | |
| Included OS: | 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) | | | | | | |
| 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) | | | MSFT Word X Test Drive | | | |
| Spreadsheet: | AppleWorks 6.2 (MSFT Excel compatible) | | | MSFT Excel X Test Drive | | | |
| Presentations: | AppleWorks 6.2 | | | MSFT PowerPoint X Test Drive | | | |
| Database: | AppleWorks 6.2 | | | FileMaker Pro 6 Trial | | | |
| Drawing/Painting: | AppleWorks 6.2; PixelNhance | | | Art Directors Toolkit; Graphic Converter; OmniOutliner | | | |
| Calendar/PIM: | OS X Address Book; iCal; iSync | | | OS X Address Book; iCal; iSync; MSFT Entourage X Test Drive | | | |
| Project/Planning: | -- | | | OmniOutliner | | | |
| Financial: | Quicken 2003 Deluxe | | | QuickBooks Pro New Users Edition | | | |
| Reference: | World Book Encyclopedia 2003 OS X | | | -- | | | |
| Digital Photo: | iPhoto 2; PixelNhance | | | iPhoto 2; Graphic Converter 4.5 | | | |
| Digital Video Edit: | iMovie 3 | | | | | | |
| Music/CD Burn: | iTunes 3; Disc Burner | | | | | | |

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|--|--|----------------------|----------------|---|----------------|----------------------------|------------------|
| DVD Burn/Author: | Disc Burner | | | | | iDVD 3; Disc Burner | |
| Games Included: | Chess; Otto Matic; Deimos Rising | | | Chess | | | |
| Other Software: | 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 | | | |
| 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 | \$1,499 | \$1,799 | \$2,299 | \$2,799 | \$3,299 |
| | tax not included | | | | | | |