






APPLE LAPTOP COMPARISON CHART (Updated as of 4/19/04)

| | | | | | | | | |
|---|--|--|---|--|--|----------------------|---|----------------|
| Compiled by Charles Gaba www.brainwrap.com |  |  |  |  |  | | | |
| | 12" iBook G4 | 14" iBook G4 | | 15" PowerBook | | 17" PowerBook | | |
| | \$1,099 | \$1,299 | \$1,499 | \$1,599 / \$1,799* | | \$1,999 | \$2,499 | \$2,799 |
| Design/Ergonomics: | | | | | | | | |
| Dimensions: | 138 cubic in. | 175 cubic in. | | 111 cubic in. | 143 cubic in. | | 157 cubic in. | |
| Weight: | 4.9 lbs | 5.9 lbs. | | 4.6 lbs. | 5.6 lbs. | | 6.9 lbs. | |
| Battery Life: | up to 6 hrs. | | | up to 5 hrs. | | up to 4.5 hrs. | | |
| Hardware: Processor/RAM | | | | | | | | |
| Processor: <i>(appx. Equal to)</i> | 1.0 GHz G4 <i>(1.5 GHz Pentium 4)</i> | | 1.2 GHz G4 <i>(1.7 GHz Pent. 4)</i> | | 1.33 GHz PowerPC G4 <i>(1.9 GHz Pentium 4)</i> | | 1.5 GHz PowerPC G4 <i>(2.2 GHz Pentium 4)</i> | |
| L1 Cache: | 64 k | | | 64k | | | | |
| L2 Cache: | 512k on-chip | | | 512k on-chip | | | | |
| Memory Type: | DDR-SDRAM PC2100 | | | DDR-SDRAM PC2700 | | | | |
| Frontside Bus: | 133 MHz | | | 167 MHz | | | | |
| RAM Included: | 256 MB (1 DIMM) | | | | 512 MB (2 DIMMs) | 512 MB (1 DIMM) | | |
| Max. RAM: | 1.25 GB (1 accessible slot) | | | | 2.0 GB (2 accessible slots) | | | |
| Hardware: Storage | | | | | | | | |
| Hard Drive Size: | 30 GB | 40 GB | 60 GB | | | 80 GB | | |
| HD Type/Speed: | Ultra ATA 66 / 4200 rpm | | | Ultra ATA 100/4200 | | | | |
| CD Drive: | 24x16x24x CD-RW | | | 24x16x24x CD-RW <i>or 16x8x24x CD-RW*</i> | | 24x16x24x CD-RW | 16x8x24x CD-RW | |
| DVD Drive: | 8x DVD-Rom | | | 8x DVD <i>or 4x2x8x DVD-RW*</i> | | 8x DVD | 4x2x8x DVD-RW | |
| Hardware: Internal Expansion | | | | | | | | |
| PC Card Slots: | internal 802.11g Airport Extreme card slot | | | int. 802.11g AE slot | internal 802.11g Airport Extreme card slot + 1 PCMCIA slot | | | |
| Hardware: External Expansion/Peripherals | | | | | | | | |
| USB Ports: | 2 on-board USB 2.0 ports | | | 2 on-board USB 2.0 ports | | | | |
| FireWire Ports: | 1 on-board 400 Mbps Firewire port | | | 1 ob 400 Mbps FireWire port | 2 on-board FireWire ports (1@400, 1@800) | | | |
| Hardware: Graphics/Video/Audio | | | | | | | | |
| Graphics Card: | ATI Mobility Radeon 9200 | | | GeForce FX Go5200 | ATI Mobility Radeon 9700 | | | |
| Video RAM: | 32 MB DDR-SDRAM (dedicated) | | | 64 MB DDR-SDRAM (dedicated) | | | | |
| VGA Out: | Yes (mirroring only; adapter included) | | | Yes (spanning or mirroring; adapter included) | | | | |

| | 12" iBook G4 | 14" iBook G4 | 12" PowerBook Combo / SuperDrive* | 15" PowerBook Combo Drive | 15" PowerBook SuperDrive | 17" PowerBook | |
|--|--|--|--------------------------------------|--|-----------------------------|---------------|--|
| 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.) mirroring only | | | 2048x1536 (3.1 Mpx.) | | | |
| Audio In: | Built-in microphone; also digital audio-ready | | | Built-in microphone; line-in; digital audio-ready | | | |
| Audio Out: | Headphone/line-out port; also digital audio-ready | | | Headphone/line-out port; also digital audio-ready | | | |
| Stereo Speakers: | Yes (integrated) | | | | | | |
| Hardware: Networking | | | | | | | |
| 10/100 Ethernet: | Yes (on-board) | | | | | | |
| Gigabit Ethernet: | -- | | | Yes (on-board) | | | |
| 56k Int. Modem: | Yes (on-board) | | | | | | |
| 802.11b Wi-Fi Networking: | optional 802.11g card; ing. Antennae; optional Wi-Fi access pt. (w/AE card) | integrated 802.11g Airport Extreme card (54 Mbps); integrated antennae; integrated 802.11g WI-FI access point | | | | | |
| Bluetooth? | Optional internal or external Bluetooth card | | | Integrated internal BlueTooth card | | | |
| Software: Operating Systems/Compatibility | | | | | | | |
| Included OS: | Mac OS X 10.3 Panther; 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) | | | -- | | | |
| Spreadsheet: | AppleWorks 6.2 (MSFT Excel compatible) | | | -- | | | |
| Presentations: | AppleWorks 6.2 | | | -- | | | |
| Database: | AppleWorks 6.2 | | | FileMaker Pro 7 Trial | | | |
| Drawing/Painting: | AppleWorks 6.2 | | | Art Directors Toolkit; Graphic Converter; OmniOutliner | | | |
| Calendar/PIM: | OS X Mail, Address Book; iCal; iSync; iChat AV; integrated fax software | | | | | | |
| Project/Planning: | -- | | | OmniOutliner, OmniGraffle | | | |
| Financial: | Quicken 2004 Deluxe | | | QuickBooks Pro New Users Edition | | | |
| Reference: | World Book Encyclopedia 2004 OS X | | | -- | | | |
| Digital Photo: | iPhoto 4 | | | iPhoto 2; Graphic Converter 4.5, OmniGraffle | | | |
| Digital Video Edit: | iMovie 4.0 | | | | | | |
| Music/CD Burn: | iTunes 4.2; Disc Burner, SoundStudio | | | iTunes 4.2; Disc Burner | | | |

| | 12" iBook G4 | 14" iBook G4 | | 12" PowerBook Combo / SuperDrive* | 15" PowerBook Combo Drive SuperDrive | | 17" PowerBook G4 |
|--|---|----------------|----------------|--|--|----------------|------------------|
| DVD Burn/Author: | iDVD 4.0; Disc Burner; DVD Player | | | | | | |
| Games Included: | Chess; Tony Hawk's Pro Skater 4; Deimos Rising | | | Chess | | | |
| Other Software: | Safari 1.2; IE 5.2; Sherlock 3.0; QuickTime 6.5; EarthLink; Zinio Reader; Apple Hardware Test; other assorted additional software bundled w/OS | | | Safari 1.2; IE 5.2; Sherlock 3.0; QuickTime 6.5; EarthLink; Zinio Reader; Apple Hardware Test; Apple Developers Tools; other assorted additional software bundled w/OS | | | |
| Services/Warranty/Durability/etc. | | | | | | | |
| ISP/Services: | 1 Month Free Earthlink; 60 Day .Mac Trial Account | | | | | | |
| Viruses/Security: | No known viruses affect Mac OS X, compared with over 70,000 known viruses for Windows; built-in customizable 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 | | | |
| Price: | \$1,099 | \$1,299 | \$1,499 | \$1,599 / \$1,799* | \$1,999 | \$2,499 | \$2,799 |
| tax not included | | | | | | | |