

Minimum Hardware Standards For Macintosh Platforms

Recommended Minimum Desktop (iMac) Hardware Standards

- Processor:** 3.06 GHz Intel Core 2 Duo; 3.33 or higher GHz Intel Core 2 Duo for [high-end](#) workstations.
- Memory:** 4 GB RAM; 8 GB RAM or greater than 4 GB RAM when using the iMac as a [high-end](#) workstation.
- Video RAM:** 256 MB on the Graphics card; 512 MB for [high-end](#) workstations.
- Ethernet:** 10/100/1000 BASE-T (built-in).
- Hard Disk:** 1 TB; 2 TB for [high-end](#) workstations.
- Optical Drive:** DVD-R (a writable DVD to the -R standard; one of many writable standards)/CD-RW (This drive is a.k.a. Superdrive and is standard).
- Other Write-able:** USB Flash Memory drive (also known as jump, pen, thumb or key drive) [optional, recommended for large file storage].
- USB:** Bundled, as is [FireWire](#) (IEEE-1394); Bluetooth connects digital devices wirelessly and is optional on most models.
- Monitor:** 21.5 inch integrated flat panel monitor; 27 inch for [high-end](#) workstations.
- Keyboard:** Apple Keyboard; Default is Wireless and without Numeric Keypad; Optional is Wired and with Numeric Keypad.
- Mouse:** Default is the new Wireless Multi-Touch Apple Magic Mouse; Optional is the Wired Apple Optical with scroll button Mouse .
- Surge Protector:** Capable of EMI/RFI filtering with at least 6 outlets, UPS recommended for some high-end workstations.
- Extended Warranty:** Covering parts and labor for 3 years – AppleCare Protection Plan.

Current specifications as of: 3/10/10

Recommended Minimum MacBook Pro (Intel Core 2 Duo) Hardware Standards

Processor: 2.4 GHz Intel Core 2 Duo for minimum; higher Ghz for [high-end](#) laptop will depend on your project.

Memory: 4 GB RAM; 8 GB RAM, when using the laptop as a [high-end](#) workstation.

Video RAM: 256 MB on the Graphics card; 512 MB for [high-end](#) laptops.

Ethernet: 10/100/1000 BASE-T (built-in).

Hard Disk: 320 GB; higher GB, if needed by your projects.

Optical Drive: DVD-R (a writable DVD to the -R standard; one of many writable standards)/CD-RW (This drive is a.k.a. Superdrive and recommended).

Write-able: USB Flash Memory drive (also known as jump, pen, thumb or key drive) [optional, recommended for large file storage].

USB: Bundled, as is [FireWire](#) (IEEE-1394); Bluetooth connects digital devices wirelessly and is optional on some models.

Display: **15-inch** (diagonal) built-in TFT (Thin Film Transistor) wide-screen active-matrix display. Video is capable of simultaneous output through external port and laptop display to facilitate presentations. **17-inch** display is recommended for [high-end](#) laptops. Also buy an additional monitor, if using the laptop as the primary desktop. See **Multimedia Options**.

Multimedia

Option: Mini-DVI out is available on the lower-end PowerBook laptops, while DVI & S-Video out is standard for the higher-end PowerBook laptops. Using a second monitor as part of a desktop-like configuration will require a Mini DisplayPort to DVI Adapter.

Wireless Option: AirPort Extreme, 54 Mbps is built-in on all PowerBook laptops.

Modem Option: External USB Modem.

Accessories: Laptop bag (shoulder strap, padded on all sides) [required]; security cable/lock [required]; second battery and charger [optional]; external USB keyboard and mouse [optional]; mini USB hub [optional].

Extended Warranty: Covering parts and labor for 3 years - AppleCare Protection Plan.

Current specifications as of: 4/19/10