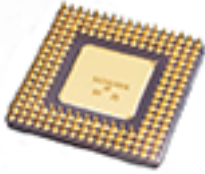


Computer Hardware Basics



CPU (Central Processing Unit) is the brain of a computer. Speed measured in GHz, currently the fastest on a Mac is the Dual-Core Intel Xeon “Woodcrest” processors, available in speeds up to 3GHz



Memory:
RAM (Random Access Memory) is the temporary/ virtual memory used by Photoshop when a file is being worked on. Recommend 1GB RAM or about 5 times the largest file size you use



HD (Hard Drive) Permanent memory
(Most computers come with 80 GB or more)



Optical Drive CD/DVD (RW)
ROM (Read Only Memory)



Video/Graphics Card and Display
Some Video cards allow larger or multiple displays

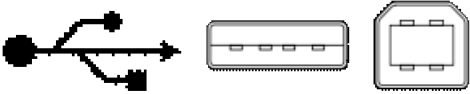




Wireless Air Port (for internet connection)



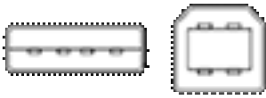
Wireless Bluetooth
(for wireless connection to keyboard, mouse, PDA, cell phone, etc)



USB (Universal Serial Bus) has a speed of 480 Mbs (Megabytes Per Second). This is 40 times faster than it's predecessor USB 1.1 with speed up to only 12Mbps.



Firewire also known as IEEE 1394 interface



Firewire 400 has a speed of 400 Mbps.

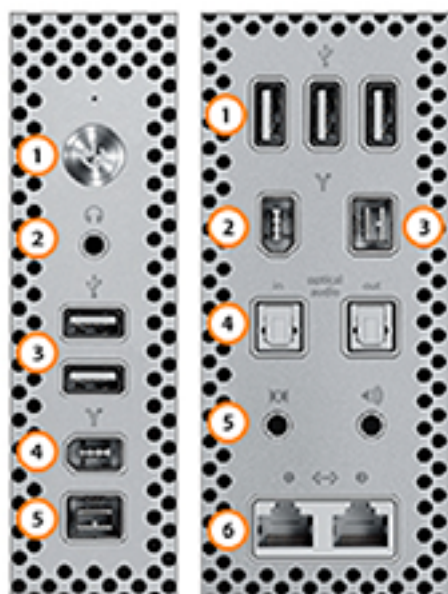


Firewire 800 has a speed of 800 Mbps.

Making Connections

Mac Pro provides 16 ports for connecting network and peripheral devices. That includes five ports right up front: Below the ① Power button, you'll find the ② headphone minijack, ③ USB 2.0, ④ FireWire 400, and ⑤ FireWire 800 ports.

And 11 more in back, including ① USB 2.0, ② FireWire 400, ③ FireWire 800, ④ optical audio in and out, ⑤ analog audio in and out, and ⑥ dual Gigabit Ethernet ports.



Front

Back