

Guidelines to consider, when purchasing a PC

REMEMBER: It is a good idea to buy a computer with as much memory (RAM) and hard drive space as you can afford.

Please note: If using **Windows XP**, you will need the **PROFESSIONAL Edition**. The Windows XP Home Edition lacks support for NDS, or Network Directory

Services, which is the means for a user to "log in" and be authenticated by the campus network.

Desktops

Average model: for basic applications (word processing, spreadsheets, desktop publishing, internet access, educational software). This model is sufficient for most student's needs.

High end model: for multi-media applications (3D modeling, video production, VRML, etc...). For the more advanced computer user.

	AVERAGE	HIGH END
Processor	2.4 - 2.8 GHz	3 GHz or greater
Memory	1 GIG	1 GIG
Hard Drive	80 - 100 GB	100 GB or greater
Drives	DVD/CD-RW	DVD+RW/CD-RW
I/O Ports	Headphone jack USB 2.0 Parallel Serial PS/2 Firewire port	Headphone jack USB 2.0 Parallel Serial PS/2 Firewire port
Modem	56K	56K
Network	10/100 Ethernet LAN RJ45	10/100 Ethernet LAN RJ45
Audio	Digital Sound Card & Speakers	Digital Sound Card/DVD Audio & Speakers
Video	APG w/128 MB SDRAM	APG w/128 MB or greater
Video Display	17" flat panel	17" or 19" flat panel

Portables

Average model: for basic applications (word processing, spreadsheets, desktop publishing, internet access, educational software). This model is sufficient for most student's needs.

High end model: for multi-media applications (3D modeling, video production, VRML, etc...). For the more advanced computer user.

	AVERAGE	HIGH END
Processor	DUO CORE 1.7 – 2.0 GHz	DUO CORE 2.0 GHz or greater
Memory	1 GIG	1 GIG - 2 GIG
Hard Drive	80 - 100 GB	100 GB or greater
Drives	DVD/CD-RW	DVD/CD-RW
I/O Ports	2 USB 2.0 Audio jacks Video S-Video	2 USB 2.0 Audio jacks Video S-Video

	Parallel Firewire	Parallel Firewire
Modem	56K	56K
Network	10/100 Ethernet LAN RJ45	10/100 Ethernet LAN RJ45
Wireless	802.11 a/b/c	802.11 a/b/c
Architecture	1 PCMCIA slot	1 PCMCIA slot
Audio	Integrated Sound Card & Speakers	Integrated Sound Card & Speakers
Video	APG w/128 MB SDRAM	APG w/128 MB or greater SDRAM
Video Display	15" or 17" widescreen	17" widescreen
Battery	Li-Ion	Li-Ion

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