

Information Technology & Management Notebook PC Specifications

While we do not currently require students enrolled in the Information Technology & Management (ITM) degree program to own a notebook computer, it will certainly enhance your student experience to have one.

Standards below reflect specifications for notebook computers for use by ITM students; each category is broken down into recommended, minimum and, where applicable, optional specifications. Please consider these specifications if you are purchasing a notebook computer for use in our program. If you have questions about these specifications, please contact Ray Trygstad, trygstad@iit.edu or 630.682.6032.

| ITEM | RECOMMENDED | MINIMUM | OPTIONAL |
|---|--|---------------------------------|---|
| Processor | Intel Core 2 Duo with VT | Intel Core Duo | Equivalent AMD processors with AMD-V are acceptable as well |
| ◆ You may not be able to run virtualization software adequately without VT or AMD-V technology. | | | |
| RAM Memory | 4GB or greater | 1GB | 4GB RAM is optimal for running Windows Vista and/or virtualization software |
| ◆ You may not be able to run all applications with only 512 MB of RAM. | | | |
| Operating System | Microsoft Windows XP Professional w/SP 3 | Microsoft Windows XP Home w/SP3 | Linux or Solaris Macintosh OS/X Windows Vista Business Windows Vista Ultimate Windows Server 2008 |
| ◆ MacBooks must have Parallels Desktop, Vmware Fusion 2 or Sun VirtualBox installed allowing running of Microsoft operating systems; VMware Fusion 2 is available for free to ITM students. VirtualBox is available for free at http://www.virtualbox.org/ . | | | |
| ◆ Linux or Solaris notebooks must have Xen, VMware Workstation or Sun VirtualBox installed allowing running of Microsoft operating systems; VMware Workstation is available for free to ITM students. VirtualBox is available for free at http://www.virtualbox.org/ . | | | |
| ◆ Microsoft, Linux & Solaris OS software is all available at no cost to all ITM students but you should purchase a system that will support Windows XP Professional as a minimum standard. | | | |
| ◆ Ubuntu, OpenSUSE and Fedora are recommended Linux distributions. | | | |
| ◆ Window XP and Vista Home versions will not support all software or OS functions you may need in our curriculum. | | | |
| Hard Drive | 120GB | 80GB | |
| ◆ 80GB minimum suggested for dual boot with Windows and Linux/Solaris or for use with Virtual PC. | | | |
| Optical drive | 24-48X CD-RW/DVD-RW | 24x CD-RW/DVD-R | Blu-Ray |
| Floppy drive | Neither required or expected | | 3.5 inch 1.44MB |
| Graphics card | 128MB or greater, 24-bit color | 64MB 24-bit color | |
| Display resolution | 1280x1024 XGA or greater | 1024x768 SVGA | |
| Wireless Network | 802.11g | 802.11b (Wi-Fi) | |
| Network Port | 1000Base-T ethernet | 100Base-T ethernet | 56K modem |
| ◆ Virtually all notebook PCs sold today include an ethernet port and a modem as standard items. | | | |
| USB Ports | 3 USB-2 | 1 USB-2 | IEEE 1394 (FireWire) |
| Office Software | OpenOffice.org GO-OO | OpenOffice.org | Microsoft Office |
| ◆ The GO-OO version of OpenOffice.org is available for free at http://go-oo.org ; OpenOffice.org is available for free at http://openoffice.org . | | | |
| ◆ A deeply discounted version of Microsoft Office may be purchased by IIT students at http://www.microsoft.com/student/discounts/theultimatesteal-us/ | | | |
| Anti-Virus Software | including all current updates | | Optional on Mac/Linux |
| ◆ IIT provides a licensed version of McAfee VirusScan for use by for all students, faculty & staff. You may not operate any version of Microsoft Windows on IIT networks without installed anti-virus software. | | | |

Please see the current *Information Technology and Management Student Handbook* for information about software provided for ITM student use.

Students should have a flash/thumb drive for lab use; 2GB minimum is recommended.