



Office of Information Technology

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570.372.4502



Recommended Computer Specifications – Windows Platform (2011-2012)

Student Notebook Specifications - Windows Platform

Component	Standard Configuration	Premium Configuration	Ultimate Configuration
<i>Model:</i>	Dell Vostro 3450 (Aberdeen Silver)	Dell Latitude E6420	Dell Latitude E6520
<i>Processor:</i>	Intel Core i5-2410M (2.3GHz, 3M)	Intel Core i7-2620M (2.7GHz, 4M)	Intel Core i7-2720QM (2.2GHz, 6M)
<i>Memory:</i>	4GB DDR3-1333MHz, 1 DIMM	8GB DDR3-1333MHz, 2 DIMMS	8GB, DDR3-1333MHz, 2 DIMMS
<i>Display:</i>	14" HD LED (1366x768)	14" HD (1366x768) LED	15.6" UltraSharp FHD (1920x1080) LED
<i>Video Card:</i>	Intel HD Graphics 3000	nVidia NVS 4200M 512MB DDR3 Discrete Graphics	nVidia NVS 4200M 512MB DDR3 Discrete Graphics
<i>Hard Drive:</i>	500GB 7200rpm Hard Drive	500GB 7200rpm Hard Drive	500GB 7200rpm Hard Drive
<i>Networking:</i>	Integrated Gigabit Ethernet NIC Intel WiFi 1030 802.11 b/g/n	Integrated Gigabit Ethernet NIC Intel Centrino Adv-N 6205 802.11a/b/g/n	Integrated Gigabit Ethernet NIC Intel Centrino Adv-N 6205 802.11a/b/g/n
<i>Included Accessories:</i>	Integrated Bluetooth 3.0 Integrated Backlit Keyboard Integrated Webcam Integrated Memory Card Reader Targus Notebook Backpack Dell Bluetooth Travel Mouse	Integrated 375 Bluetooth Module Integrated Backlit Keyboard Integrated Webcam Integrated Memory Card Reader Targus Notebook Backpack Dell Bluetooth Travel Mouse	Integrated 375 Bluetooth Module Integrated Backlit Keyboard Integrated Webcam Integrated Memory Card Reader Targus Notebook Backpack Dell Bluetooth Travel Mouse
<i>Optical Drive:</i>	8X DVD+/-RW with Roxio & Cyberlink PowerDVD	8X DVD+/-RW with Roxio & Cyberlink PowerDVD	8X DVD+/-RW with Roxio & Cyberlink PowerDVD
<i>Operating System:</i>	Windows® 7 Professional, with Media, 64-bit	Windows® 7 Professional, with Media, 64-bit	Windows® 7 Professional, with Media, 64-bit
<i>Warranty:</i>	4 Year Warranty, NBD Onsite Service, + CompleteCare Accidental Damage Protection	4 Year Warranty, NBD Onsite Service, + CompleteCare Accidental Damage Protection	4 Year Warranty, NBD Onsite Service, + CompleteCare Accidental Damage Protection
<i>Approx. Price:</i>	\$1,280	\$1,950	\$2,180

Student Desktop Specifications - Windows Platform

Component	Standard Configuration	Premium Configuration	Ultimate Configuration
<i>Model:</i>	Dell OptiPlex 780 Small Form Factor	Dell OptiPlex 980 Small Form Factor	OptiPlex 980 Minitower
<i>Processor:</i>	Intel Core2 Quad Q9550 (2.83GHz)	Intel Core i5-650 (3.2GHz, 4M)	Intel Core i7-870 QuadCore (2.93GHz, 8M)
<i>Memory:</i>	4GB DDR3 - 1333MHz, 2 DIMMS	8GB DDR3-1333MHz, 2 DIMMS	16GB DDR3-1333MH, 4 DIMMS
<i>Monitor:</i>	Dell Professional P2211H 22"	Dell Professional P2210 22"	Dell Professional P2311H 23"
<i>Video Card:</i>	256MB ATI Radeon HD 3470	512MB ATI Radeon HD 4550	512MB ATI Radeon HD 4550
<i>Hard Drive:</i>	500GB Hard Drive 7200rpm	1TB Hard Drive 7200rpm	1TB Hard Drive 7200rpm
<i>Networking:</i>	Integrated Gigabit Ethernet NIC	Integrated Gigabit Ethernet NIC	Integrated Gigabit Ethernet NIC Broadcom Wireless 1520 802.11g/n
<i>Audio:</i>	Integrated Sound	Integrated Sound	Integrated Sound DellAX510 SoundBar (speakers)
<i>Optical Drive:</i>	8X DVD+/-RW SATA, Roxio & Cyberlink PowerDVD	8X DVD+/-RW SATA, Roxio & Cyberlink PowerDVD	16X DVD+/-RW with Roxio & Cyberlink PowerDVD
<i>Included Accessories:</i>	Dell Standard Keyboard/Mouse	Dell Standard Keyboard/Mouse	Dell Standard Keyboard/Mouse Integrated 19 in 1 Media Card Reader
<i>Operating System:</i>	Windows® 7 Professional, with Media, 64-bit	Windows® 7 Professional, with Media, 64-bit	Windows® 7 Professional, with Media, 64-bit
<i>Warranty:</i>	4 Year Warranty, NBD Onsite Service	4 Year Warranty, NBD Onsite Service	4 Year Warranty, NBD Onsite Service
<i>Approx. Price:</i>	\$1,260	\$1,470	\$2,030



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Recommended Computer Specifications – Macintosh Platform (2011-2012)

Student Notebook Specifications - Macintosh Platform			
Component	Standard Configuration	Premium Configuration	Ultimate Configuration
<i>Model:</i>	Mac Book Pro 13-inch	Mac Book Pro 15-inch	Mac Book Pro 17-inch
<i>Processor:</i>	2.3GHz Dual-core Intel Core i5	2.0GHz Intel Core i7 Quad-core	2.3GHz Intel Core i7 Quad-core
<i>Memory:</i>	4GB 1333MHz DDR3 (2x2GB)	8GB 1333MHz DDR3 - 2x4GB	8GB 1333MHz DDR3 - 2x4GB
<i>Video Card:</i>	Intel HD Graphics 3000 with 384MB of DDR3 SDRAM shared with main memory	Intel HD Graphics 3000 with 384MB of DDR3 SDRAM shared with main memory <u>plus</u> AMD Radeon HD 6490M graphics processor with 256MB of GDDR5 memory	Intel HD Graphics 3000 with 384MB of DDR3 SDRAM shared with main memory <u>plus</u> AMD Radeon HD 6750M graphics processor with 1GB of GDDR5 memory
<i>Hard Drive:</i>	320GB Serial ATA, 5400 rpm	750GB Serial ATA, 5400 rpm	750GB Serial ATA, 5400 rpm
<i>Included Accessories:</i>	AirPort Extreme (Wireless-N) Bluetooth 2.1 +EDR Built in FaceTime HD Camera Integrated Memory Card Reader Apple Remote iLife Suite	AirPort Extreme (Wireless-N) Bluetooth 2.1 +EDR Built in FaceTime HD Camera Integrated Memory Card Reader Apple Remote iLife Suite	AirPort Extreme (Wireless-N) Bluetooth 2.1 +EDR Built in FaceTime HD Camera Integrated Memory Card Reader Apple Remote iLife Suite
<i>Optical Drive:</i>	8x SuperDrive (DVD±R DL/DVD±RW/CD-RW)	8x SuperDrive (DVD±R DL/DVD±RW/CD-RW)	8x SuperDrive (DVD±R DL/DVD±RW/CD-RW)
<i>Operating System:</i>	Macintosh OS X (10.6)	Macintosh OS X (10.6)	Macintosh OS X (10.6)
<i>Warranty:</i>	3-year Apple Care	3-year Apple Care	3-year Apple Care
<i>Approx. Price:</i>	\$1,300	\$2,230	\$2,960

Student Desktop Specifications - Macintosh Platform			
Component	Standard Configuration	Premium Configuration	Ultimate Configuration
<i>Model:</i>	iMac 21.5-inch	iMac 27-inch	Mac Pro
<i>Processor:</i>	3.06GHz Intel Core i3	2.8GHz Quad-Core Intel Core i5	One 2.8GHz Quad-Core Intel Xeon "Nehalem"
<i>Memory:</i>	4GB 1333MHz DDR3 - 2x2GB	8GB 1333MHz DDR3 - 2x4GB	16GB (4x4GB)
<i>Display:</i>	21.5" widescreen built in LED	27" widescreen built in LED	27" Apple LED Cinema Display (with integrated speakers, microphone and iSight camera)
<i>Video Card:</i>	ATI Radeon HD 4670 256MB	ATI Radeon HD 5670 512MB	ATI Radeon HD 5770 1GB
<i>Hard Drive:</i>	500GB 7200-rpm Serial ATA	1 TB 7200-rpm Serial ATA	2TB 7200-rpm Serial ATA 3Gb/s
<i>Included Accessories:</i>	Apple Wireless Keyboard Apple Wireless Magic Mouse AirPort Extreme (Wireless-N) Bluetooth 2.1 +EDR Built in iSight Camera Apple Remote iLife Suite	Apple Wireless Keyboard Apple Wireless Magic Mouse AirPort Extreme (Wireless-N) Bluetooth 2.1 +EDR Built in iSight Camera Apple Remote iLife Suite	Apple Wireless Keyboard Apple Wireless Magic Mouse AirPort Extreme (Wireless-N) Bluetooth 2.1 +EDR iLife Suite
<i>Optical Drive:</i>	8x SuperDrive (DVD±R DL/DVD±RW/CD-RW)	8x SuperDrive (DVD±R DL/DVD±RW/CD-RW)	18x SuperDrive (DVD±R DL/DVD±RW/CD-RW)
<i>Operating System:</i>	Macintosh OS X (10.6)	Macintosh OS X (10.6)	Macintosh OS X (10.6)
<i>Warranty:</i>	3-year Apple Care	3-year Apple Care	3-year Apple Care
<i>Approx. Price:</i>	\$1,290	\$2,200	\$4,300