Desktop Specifications

The lists below provide the minimum recommended specifications for computers purchased for personal, business and home use. They are separated into minimum recommendation for a new computer and acceptable minimum existing computer. Remember, computers bought for university use must have the recommended three year warranty.

### Student, Staff & Faculty Personal Desktop Specifications

<table>
<thead>
<tr>
<th>Item</th>
<th>New Computer Recommended Min.</th>
<th>Acceptable Existing Computers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Processor</td>
<td>4th Gen Intel i5/i7 (3.2 Ghz, 6M) or (AMD equiv)</td>
<td>3rd Gen Intel i3/i5 (2.8 Ghz) or (AMD equiv)</td>
</tr>
<tr>
<td>Memory</td>
<td>8 GB (64 bit OS)</td>
<td>4 GB (32bit OS Only) 6 GB (64 bit OS)</td>
</tr>
<tr>
<td>Hard Drive</td>
<td>500 GB Hybrid Drive</td>
<td>250 GB</td>
</tr>
<tr>
<td>Video Card</td>
<td>1 GB or higher</td>
<td>512 MB or higher</td>
</tr>
<tr>
<td>Monitor</td>
<td>20” LED Wide screen</td>
<td>19” LCD Flat Panel or larger</td>
</tr>
<tr>
<td>Media Drive</td>
<td>16x DVD +/- RW</td>
<td>8x DVD +/- RW</td>
</tr>
<tr>
<td>Operating System</td>
<td>Win 8.1/ Win 7 (64 bit) Prem/ Professional/Ultimate</td>
<td>Windows 7 Pro</td>
</tr>
<tr>
<td>LAN</td>
<td>Gigabyte Ethernet LAN</td>
<td>10/100 Ethernet LAN</td>
</tr>
<tr>
<td>Warranty</td>
<td>3 year warranty</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Student warranties should cover the students expected stay at the university and have provisions for an expedient turn around should repairs be needed.

Last Updated 7/2015

### University PC Desktop Specifications

<table>
<thead>
<tr>
<th>Item</th>
<th>New Computer Recommended Min.</th>
<th>Acceptable Existing Computers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Processor</td>
<td>4th Gen Intel i5/i7 (3.6 Ghz 8mb) or (AMD equiv)</td>
<td>3rd Gen Intel i3/i5 (3.2 Ghz, 6M) or (AMD equiv)</td>
</tr>
<tr>
<td>Memory</td>
<td>8 GB (64 bit OS)</td>
<td>4/6 GB (64 bit OS)</td>
</tr>
<tr>
<td>Hard Drive</td>
<td>500 GB Hybrid Drive</td>
<td>320 GB HDD</td>
</tr>
<tr>
<td>Video Card</td>
<td>1 GB (or higher) for dual Monitors</td>
<td>512 MB or higher</td>
</tr>
<tr>
<td></td>
<td>2 GB or higher if running</td>
<td></td>
</tr>
</tbody>
</table>
### Email

<table>
<thead>
<tr>
<th>Item</th>
<th>New Computer</th>
<th>Acceptable Existing Computer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monitor</td>
<td>22&quot; LED Flat Panel</td>
<td>20&quot; wide screen LCD or larger</td>
</tr>
<tr>
<td>Media Drive</td>
<td>16x DVD +/- RW</td>
<td>8x DVD +/- RW</td>
</tr>
<tr>
<td>Operating System</td>
<td>Win 8.1/ Win 7 (64 bit) Professional/Enterprise</td>
<td>Windows 7 Pro (64 bit)</td>
</tr>
<tr>
<td>LAN</td>
<td>Gigabyte Ethernet LAN</td>
<td>10/100 Ethernet LAN</td>
</tr>
<tr>
<td>Warranty</td>
<td>3 year warranty</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** All Computers, laptops, iPads, tablets and like items must be purchased with a Purchase Order. See section 3 of the Purchasing Procurement Card User Guide Subsection 3.6 Limitations On All Cards. [PCard Users Guide](#) Also note that systems for university use **must** have a three (3) year warranty.

Last Updated 7/2015

### Apple Desktop Specifications- iMac

(For both University use and Personal computers)

<table>
<thead>
<tr>
<th>Item</th>
<th>New Computer</th>
<th>Acceptable Existing Computer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Processor</td>
<td>2.7 GHz Quad Core Intel i5</td>
<td>2.66 GHz Intel Core2 Duo</td>
</tr>
<tr>
<td>Memory</td>
<td>8 GB</td>
<td>4 GB</td>
</tr>
<tr>
<td>Hard Drive</td>
<td>1TB SATA Drive</td>
<td>320 GB</td>
</tr>
<tr>
<td>Video Card</td>
<td>Intel Iris Pro Graphics</td>
<td>512 MB or higher</td>
</tr>
<tr>
<td>Monitor</td>
<td>21.5&quot; LED Panel</td>
<td>20&quot; LCD Panel</td>
</tr>
<tr>
<td>Media Drive</td>
<td>Apple USB SuperDrive</td>
<td>Super Drive</td>
</tr>
<tr>
<td>Operating System</td>
<td>Mac OS X &quot;Yosemite&quot;</td>
<td>Mac OS X &quot;Mavericks&quot;</td>
</tr>
<tr>
<td>LAN</td>
<td>Gigabyte Ethernet LAN</td>
<td>10/100 Ethernet LAN</td>
</tr>
<tr>
<td>Warranty</td>
<td>3 yr Apple Care warranty</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** ALL Apple Computers for University use **must** include the Apple Care Warranty

Last Updated 7/2015

### Notebook/Laptop Specifications

The lists below provide the minimum recommended specifications for computers

(c) 2018 Florida Institute of Technology <techsupport@fit.edu> | 2018-04-28 17:56
URL: https://services.fit.edu/it_faq/content/5/59/en/university-computer-guidelines-and-specifications.html
purchased for personal, business and home use. They are separated into minimum recommendation for a new computer and acceptable minimum existing computer. Remember, computers bought for university use **must** have the recommended three year warranty.

**Student, Staff and Faculty Personal Notebooks**

<table>
<thead>
<tr>
<th>Item</th>
<th>New Computer Recommended Min.</th>
<th>Acceptable Existing Computers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Processor</td>
<td>4th Gen Intel Core i5 Dual Core, 2.2GHz</td>
<td>3rd Gen Intel Core i3 (or AMD Equiv)</td>
</tr>
<tr>
<td>Memory</td>
<td>8 GB (64 Bit OS)</td>
<td>6 GB</td>
</tr>
<tr>
<td>Hard Drive</td>
<td>500 GB Hybrid Drive</td>
<td>500 GB SATA Drive</td>
</tr>
<tr>
<td>Media Drive</td>
<td>16x DVD +/-RW</td>
<td>8 DVD +/-RW</td>
</tr>
<tr>
<td>Operating System</td>
<td>Win 8.1/ Win 7 (64 bit) Professional</td>
<td>Windows 7 Pro (64 bit)</td>
</tr>
<tr>
<td>LAN</td>
<td>Gigabyte Ethernet LAN</td>
<td>10/100 Ethernet LAN</td>
</tr>
<tr>
<td>Wireless LAN</td>
<td>802.11 a/b/g/n w/Bluetooth 4.0</td>
<td>802.11 b/g WLAN</td>
</tr>
<tr>
<td>Warranty</td>
<td>3 year warranty</td>
<td></td>
</tr>
</tbody>
</table>

Last Updated 7/2015

**University Notebooks**

<table>
<thead>
<tr>
<th>Item</th>
<th>New Computer Recommended Min.</th>
<th>Acceptable Existing Computers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Processor</td>
<td>4th Gen Intel Core i5-2.60Ghz</td>
<td>3rd Gen Intel Core i3 (or AMD Equiv)</td>
</tr>
<tr>
<td>Memory</td>
<td>8 GB (64 Bit OS)</td>
<td>6 GB</td>
</tr>
<tr>
<td>Hard Drive</td>
<td>500 GB Hybrid Drive</td>
<td>320 GB SATA Drive</td>
</tr>
<tr>
<td>Media Drive</td>
<td>16x DVD +/- RW</td>
<td>8x DVD +/-RW</td>
</tr>
<tr>
<td>Operating System</td>
<td>16x DVD +/-RW</td>
<td>Windows 7 64 Bit</td>
</tr>
</tbody>
</table>
### Email

<table>
<thead>
<tr>
<th></th>
<th>Win 8.1/ Win 7 (64 bit)</th>
<th>Professional/Enterprise</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LAN</strong></td>
<td>Gigabyte Ethernet LAN</td>
<td>10/100 Ethernet LAN</td>
</tr>
<tr>
<td><strong>Wireless LAN</strong></td>
<td>802.11 a/b/g/n w/Bluetooth 4.0</td>
<td>802.11 b/g/ WLAN</td>
</tr>
<tr>
<td><strong>Warranty</strong></td>
<td>3 year warranty</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** All desktops, laptops, iPads, tablets and like items cannot be purchased with a purchase card. These items must be purchased with a Purchase Order. See section 3 of the Purchasing Procurement Card User Guide Sub section 3.6 Limitations On All Cards. [PCard Users Guide](#) Also note that systems for university use must have a minimum three (3) year warranty.

Last Updated 7/2015

### Apple Notebooks

(For both University use and Personal computers)

<table>
<thead>
<tr>
<th>Item</th>
<th>New Computer Recommended Min.</th>
<th>Acceptable Existing Computers</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Processor</strong></td>
<td>2.7 Ghz dual-core Intel Core i5</td>
<td>2.5Ghz dual-core Intel Core i3</td>
</tr>
<tr>
<td><strong>Memory</strong></td>
<td>8 GB</td>
<td>4 GB</td>
</tr>
<tr>
<td><strong>Hard Drive</strong></td>
<td>128GB PCIe-based flash storage</td>
<td>500 GB SATA Drive</td>
</tr>
<tr>
<td><strong>Media Drive</strong></td>
<td>External USB SuperDrive</td>
<td>Super drive</td>
</tr>
<tr>
<td><strong>Operating System</strong></td>
<td>Mac OS X &quot;Yosemite&quot;</td>
<td>Mac OS X &quot;Mavericks&quot;</td>
</tr>
<tr>
<td><strong>LAN</strong></td>
<td>Thunderbolt Ethernet LAN</td>
<td>Gigabyte Ethernet LAN</td>
</tr>
<tr>
<td><strong>Wireless LAN</strong></td>
<td>802.11 a/b/g/n w/Bluetooth 4.0</td>
<td>802.11 b/g WLAN</td>
</tr>
<tr>
<td><strong>Warranty</strong></td>
<td>3 year Apple Care warranty</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** All Computers for University use must include the Apple Care Warranty

Last Updated 7/2015
Tablets

<table>
<thead>
<tr>
<th>Item</th>
<th>Tablet Recommended Min.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Processor</td>
<td>1.5 GHz</td>
</tr>
<tr>
<td>Memory</td>
<td>1 GB (2GB recommended)</td>
</tr>
<tr>
<td>Storage</td>
<td>16 GB</td>
</tr>
<tr>
<td>Screen</td>
<td>10.1&quot;</td>
</tr>
<tr>
<td>Operating System</td>
<td>Most current OS for model chosen</td>
</tr>
<tr>
<td>Optical Drive</td>
<td>USB External DVD+/-RW</td>
</tr>
<tr>
<td>Wi-Fi Interface</td>
<td>802.11 a/b/g/n WLAN</td>
</tr>
<tr>
<td>LAN</td>
<td>Gigabyte Ethernet Dongle</td>
</tr>
<tr>
<td>Warranty</td>
<td>1 year warranty</td>
</tr>
</tbody>
</table>

**Note:** Tablets for University use must include at least a 2 year Warranty and can be acquired via credit card if the price is $299 and below. All items higher **must** be done via a purchase order. See Information Technology Guidelines, Procedure 104A, sub section, Computer Purchase Exceptions.

Last Updated 7/2015

iPads Mini & Ipad Air

<table>
<thead>
<tr>
<th>Item</th>
<th>New Computer Recommended Min.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Processor</td>
<td>A7 chip/64-bit</td>
</tr>
<tr>
<td>Storage</td>
<td>16 GB</td>
</tr>
<tr>
<td>Screen</td>
<td>Depends on Model chosen</td>
</tr>
<tr>
<td>Wi-Fi Interface</td>
<td>802.11n with MIMO w/Bluetooth 4.0</td>
</tr>
<tr>
<td>Warranty</td>
<td>1 year warranty</td>
</tr>
<tr>
<td>Carrier</td>
<td>Choice (University-AT&amp;T)</td>
</tr>
</tbody>
</table>

**Note:** Ipad for University use **must** include the 2 year Apple Care Warranty and be acquired via a purchase order.

Last Updated 7/2015

Unique solution ID: #1058
Author: Eric Donath