

# Windows PC

Feature	Minimum-Level Recommendations	Recommended-Level	Top- Level Recommendations	Rationale for Recommendations
Processor	Core i5 (Windows)   1.6GHz or higher	Core i7 (Windows)   2.3GHz or higher	Core i7 or i9 (Windows)   2.6GHz or higher	<p>The Windows 10 operating system and applications written for it will require advanced processors to be used effectively.</p> <p>A higher processor speed will allow your computer to do more at once and run faster.</p>
RAM (also called memory)	8 GB DDR4 or more	16 GB DDR4 or more	32 GB DDR4 or more	Memory demands for Windows 10 will require at least 4 GB of memory just for the operating system. The more money you can apply toward this, the better.
SSD (Solid State Drive)  OR  HDD (Hard Disk Drive)	256 GB HDD or more	500 GB SSD or more	2TB SSD or more  PLUS  500GB HDD	SSDs are faster than traditional HDDs. If you can store larger files (e.g., movies, large pictures, CAD files) on a HDD and use the SSD for your OS and to run normal daily work, the faster your PC will be.
Networking	Build in LAN 10/100 (Ethernet) for all systems; wireless (Windows: 802.11b/g/n)	Built-in LAN Gigabit (Ethernet) for all systems; wireless 802.11b/g/n); Bluetooth 5.1	Built-in LAN Gigabit (Ethernet) for all systems; wireless 802.11b/g/n) – Wi-Fi 6; Bluetooth 5.1	Wireless is available in all residence halls. Please do not bring any personal routers to campus as this will interfere with available wireless.
Operating system	Windows 10 64-bit	Windows 10 64-bit Pro	Windows 10 64-bit Pro	New Windows PCs will have Windows 10 installed
Graphics Card	Integrated Graphics	Dedicated Graphics like NVIDIA or	Dedicated Graphics like NVIDIA or AMD	Integrated graphics are slower but cost less and are

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				sufficient if not doing hardcore graphics intensive work or gaming. Otherwise, you want a better graphics card.
Support & Protection	Extended warranty plan, including accidental damage coverage, for the expected life of the machine and a laptop bag to protect your computer.	Extended warranty plan, including accidental damage coverage, for the expected life of the machine and a laptop bag to protect your computer.	Extended warranty plan, including accidental damage coverage, for the expected life of the machine (3-4 years) and a laptop bag to protect your computer	
Software ( <b>FREE</b> to EKU Students!)	Microsoft Office (all <b>FREE</b> to EKU students!)	Microsoft Office (all <b>FREE</b> to EKU students!)	Microsoft Office (all <b>FREE</b> to EKU students!)	Recommended: Malwarebytes Anti- Malware & Antivirus Software
Accessories	USB Thumb Drive External optical drive	USB Thumb Drive External optical drive	USB Thumb Drive External optical drive	
Other considerations you may want to consider	Camera and Microphone, unless built-in, external hard drive for backups; USB 2.0 or 3.0	Camera and Microphone, unless built-in; external hard drive for backups; USB 2.0 or 3.0; headphones	Camera and Microphone, unless built-in; external hard drive for backups; USB 3.0; headphones; 1 HDMI port	

# Mac PC

Feature	Minimum- Level Recommendations	Recommended- Level	Top- Level Recommendations	Rationale for Recommendations
Processor Speed	1.8GHz Intel Core i5 or 2.2GHz Core i7	2.6GHz 6-core Intel Core i7	2.3GHz 8-core Intel i9 or better	A higher processor speed will allow your computer to do more at once and run faster.
RAM (also called memory)	8GB DDR4 or more	16GB DDR4 or more	32GB DDR4 or more	The more RAM will also allow you to run more applications concurrently without seeing a slowdown.
SSD (Solid State Drive)	512GB or more	1TB or more	4TB	SSD is faster!
Networking	Built-in LAN Gigabit (Ethernet) for all systems; wireless 802.11b/g/n); Bluetooth 5.0	Built-in LAN Gigabit (Ethernet) for all systems; wireless 802.11b/g/n) ; Bluetooth 5.0	Built-in LAN Gigabit (Ethernet) for all systems; wireless 802.11b/g/n) ; Bluetooth 5.0	
Operating System	Catalina or better	Big Sur (or newest one)	Big Sur (or newest one)	Should always keep OS up-to-date
Graphics Card	AMD Radeon	AMD Radeon	AMD Radeon	
Support & Protection	Extended warranty plan, including accidental damage coverage, for the expected life of the machine and a laptop bag to protect your computer.	Extended warranty plan, including accidental damage coverage, for the expected life of the machine and a laptop bag to protect your computer.	Extended warranty plan, including accidental damage coverage, for the expected life of the machine and a laptop bag to protect your computer.	
Software ( <b>FREE</b> to EKU Students)	Microsoft Office (all <b>FREE</b> to EKU students!)	Microsoft Office (all <b>FREE</b> to EKU students!)	Microsoft Office (all <b>FREE</b> to EKU students!)	Recommended: Malwarebytes Anti-Malware & Antivirus Software
Expansion Cables	USB-C to Lightning; USB-C to USB Adapter; USB-C to USB-A	USB-C to Lightning; USB-C to USB Adapter; USB-C to USB-A	USB-C to Lightning; USB-C to USB Adapter; USB-C to USB-A	

Other considerations you may want to consider	Camera, Microphone, optical drive, external hard drive for backups; USB 2.0 or 3.0	Camera, Microphone, optical drive, external hard drive for backups; USB 2.0 or 3.0	Camera, Microphone, optical drive, external hard drive for backups; USB 2.0 or 3.0	
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