Interior Architecture Computer Specifications

All Interior Architecture students should have a computer with great rendering capability that is able to run Revit, AutoCAD, and Adobe Suite. Generally a processors with “Gaming” specifications are ideal. Minimum requirements and suggestions for students buying a new computer can be found below.

**Minimum requirements:**
8 GB of RAM
AMD Ryzen CPU, any generation
Intel i5 CPU, any generation
250 GB Hard drive

**Recommended specifications:**
16 GB of RAM or more
AMD Ryzen CPU, any generation
Intel i7 CPU, any generation
Dedicated graphics
- AMD cards: RX460 or better
- Nvidia cards: GTX 1050 or better
250 GB SSD + secondary 1TB storage drive or better
Optional: 27” monitor, 2k or 4k resolution, IPS panel

**Recommended Laptops:**
- HP 15-inch Laptop, AMD Ryzen 3 3200U Processor, 8 GB RAM, 128 GB solid-state drive, Windows 10 Home with DVD drive
- 2018 Dell Inspiron 13 7000 2-in-1 13.3" FHD Touchscreen Laptop Computer, AMD Quad-Core Ryzen 5 2500U up to 3.6GHz(Beat i7-7500U), 8GB DDR4, 256GB SSD, AC WiFi + BT 4.1, USB Type-C, HDMI, Windows 10
- Asus TUF Gaming Laptop, 15.6" IPS Level Full HD, AMD Ryzen 5 3550H Processor, AMD Radeon Rx 560X, 8GB DDR4, 256GB PCIe Nvme SSD, Gigabit WiFi, Windows 10
**Recommended Macbook:**

*15" MacBook Pro*

- 2.3GHz 8-core 9th-generation Intel Core i9 processor
- Turbo Boost up to 4.8GHz
- Radeon Pro 560X with 4GB of GDDR5 memory
- 16GB 2400MHz DDR4 memory
- 512GB SSD storage
- Retina display with True Tone
- Touch Bar and Touch ID
- Four Thunderbolt 3 ports

**Note:** A Windows Operating system is required to run Autodesk software. *Boot Camp Assistant* (free) is the preferred way to create a Windows partition on a Mac without sacrificing performance. *Parallels* may be used, but is a greater strain on memory and processing power.

**Recommended Desktops:**

- HP Pavilion Gaming PC Desktop Computer, AMD Ryzen 5 2400G, AMD Radeon RX 580, 8GB RAM, 1TB hard drive, Windows 10
- Dell Inspiron Gaming PC Desktop AMD Ryzen 7 2700 Processor, 16GB DRAM, 1TB HDD, AMD Radeon RX 580 4GB GDDR5 Graphics Card, Windows 10 64-bit,
- iBUYPOWER Pro Gaming PC Computer Desktop Intel i7-9700k 8-Core 3.6 GHz, GeForce RTX 2070 8GB, 16GB DDR4, 1TB HDD, 240GB SSD, Z370, Liquid Cooling, WiFi Ready, Windows 10, VR Ready

**Recommended Monitors:**

- Dell SE2419Hx 23.8” IPS Full HD (1920x1080) Monitor
- ASUS 27-Inch 2K 144Hz WQHD FreeSync Gaming Monitor IPS, 4ms response time, HDMI, DisplayPort, USB 3.0, 2560 X 1440 Display with Pivot, Tilt, and Swivel, Eyecare (MG279Q)
- LG 27UK850-W 27" 4K UHD IPS Monitor with HDR10 with USB Type-C Connectivity and FreeSync