2023
Computer Specifications

The School of Architecture at OSU requires all architecture majors entering 1st year to purchase and operate a large laptop/notebook computer. It is required to have a high-quality screen, wireless capability and be loaded with specific software. It also needs to be remote-conferencing capable as in having a built-in camera and microphone. The following specifications are the minimum required hardware and software for the 2023 - 2024 academic year:

Please note that certain computer and software developers/vendors offer packages at competitive prices. Compare prices, terms of use, and after-sale services before making any purchase. Individuals wishing to purchase and use Apple computers are advised that Apple Macintosh computers are not recommended.

PROCESSOR
12th Generation Intel® Core™ i7-12700H Processor (E-cores up to 3.5 GHz P-cores up to 4.70 GHz)

OPERATING SYSTEM
Genuine Microsoft Windows 11, Professional Edition with the most recent Service Packs

MEMORY
32 GB DDR5-4800MHz (SODIMM)

DISPLAY
15" or larger display with built-in camera/mic. FHD (1920 x 1080), IPS, Anti-Glare, Non-Touch, 45% NTSC, 300 nits, LED Backlight

HARD DRIVE
1 TB SSD M.2 2280 PCIe Gen4 TLC Opal

GRAPHICS CARD
NVIDIA GPU with at least 8GB video RAM, DirectX 11 capable with Shader Model 5

WIRELESS CARD
Intel® Wi-Fi 6E AX211 2x2 AX vPro

REQUIRED ACCESSORIES
Optical mouse
High capacity USB memory stick with USB hub

OPTIONAL ACCESSORIES
27" Monitor with 2560 x 1440 resolution

REQUIRED SOFTWARE
Microsoft Office* (latest version)
Autodesk Revit** (latest version)
Robert McNeel Rhino 6.0*
Adobe Creative Cloud
Anti-virus/internet security

*Currently available at **no cost** for OSU students and staff.
May be downloaded at **no cost from Autodesk with an academic proof.