

School of Architecture Laptop Requirement Technical Specifications

Update: Summer 2021

HARDWARE:

• Minimum

Intel® Core™ i7-10875H (8-Core, 16MB Cache, up to 5.1GHz w/ Turbo Boost 2.0)

NVIDIA® GeForce® RTX 2080 SUPER™ 8GB GDDR6

32GB DDR4 2666MHz

Up to 4TB SSD

• Recommended

Intel® Core™ i9 11900H (8-Core, 24MB L3 Cache, up to 4.9GHz with Turbo Boost Max 3.0)

NVIDIA® GeForce RTX™ 3080 8GB GDDR6

32GB DDR4, 3200MHz

4TB Solid State Drive

SOFTWARE:

- Academic versions at reduced prices are available from the UI Webstore(<http://webstore.illinois.edu>)
- Microsoft Office 2016 or Office 365– includes full versions of Word, Excel and PowerPoint
- Adobe Creative Cloud – includes full versions of most Adobe products.
- AutoDesk Student Software – AutoCAD, Revit Architecture, etc. are available free to students (<http://students.autodesk.com>)
- Rhinoceros 3d CAD (<https://www.rhino3d.com/>) or Sketchup (<https://www.sketchup.com/>) – Additional.

* Laptop is recommended.

** MacBook or any apple computer is not recommended for compatibility with major CAD and Rendering tools.

*** For freshmen, if you have regular computers, you can use them for gen ed courses for the 1st year. However, it will be wise to purchase a computer that supports architecture programs by sophomore year.