

Bachelor Of Interior Design (BID)

Laptop Computer Specifications As Of January 2024

Technology demands are not as intensive for first year students. Because of this, students enrolled in the first year of the BID program may decide to use Mount Royal University computers, work with their existing technology, or purchase a new laptop guided by the specifications below.

Typical software used in the BID program are: AutoCAD, Revit, SketchUp, Enscape, 3ds Max, and Adobe Creative Suite (Photoshop, Illustrator, InDesign). Students wanting to use software outside of the program will be confident in knowing the BID specifications are substantial enough to do so.

While technology is rapidly changing, these specifications may change throughout the program. The development cycle for hardware allows for outdated specifications to continue to work without the need for upgrade for several years. This cycle is typically 4 – 6 years, or longer if you don't require hardware upgrades with software packages.



All courses in the Interior Design Department are taught and supported on a PC platform only! **Apple products will not be supported as they are not guaranteed to meet the requirements of the program specific software even when using Bootcamp or Parallels®**

The recommendations curated here are to best ensure longevity and performance of the computer for the foreseeable future from the date of this document.

Note: Educational versions of software that are free, or are a minimal cost to students include but are not limited to: Microsoft Office, AutoCAD, Revit, 3ds Max, D5 Render and SketchUp. Additional required software for purchase/lease will be discussed with students prior to curricular engagement.

Computer Requirements — Laptop

Specification	Requirement
Operating System	Windows 10 or 11 (Home or Pro Only) — Windows 10 S is not acceptable
CPU	Minimum 2GHz, Quad Core
RAM	Minimum 16GB — Recommended 32GB or more. (Optane memory does not qualify as RAM)
Graphics Card	Dedicated NVIDIA RTX 20 series or higher. Additional designations such as Super and Ti indicate performance enhancement
Hard Drive.....	Minimum 512GB Solid State Drive (SSD) M.2 — Highly recommended 1TB or higher SSD M.2
Mouse	Minimum 3 Button with Scroll Wheel (wired or wireless)
Keyboard	Having a keyboard with a Number Pad would be beneficial but not required
Anti-Virus.....	Third party anti-virus is not recommended. Windows Defender is part of the Windows 10 operating system and is secure. Other anti-virus can cause issue with software.
Cloud Storage.....	While backing up files on redundant systems is important, we recommend physically backing up important files manually on Google as cloud storage has proven to be unreliable in the past.

Brands/Stores

There are numerous brands and stores, both physically and on-line, that supply similar products. While we do not endorse one brand or store over another, we do invite you to shop around to find the best deal. It is essential that you strictly meet the minimum in the above requirements to ensure success.

Please reach out to the department if you have any questions or concerns, and we can help to advise you on your purchase.



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