

**ManCAD students: 2023-2024
Suggested Computer Hardware**

	minimum	recommended
Operating System	Windows 10 Pro 64-bit version 20H2, or Windows 11 Pro version 21H2	
Processor (CPU)	Intel i-series, or AMD Ryzen series, 4 cores, 2.5GHz	Intel i7, 6 cores or more, 3 GHz
Memory (RAM)	8 GB	32 GB
Graphics Card (GPU)	1 GB VRAM, capabilities: Direct3D 10.1, DirectX 11, OpenCL 1.2, OpenGL 3.2, Pixel Shader 3	Dedicated GPU designed for CAD with 4 GB VRAM (E.g. Nvidia Quadro or AMD FirePro/Radeon Pro)
Monitor	1920 x 1080	2 monitors
Other Notes	Windows Home not supported.	SSD hard drive