

**ManCAD students:  
2022-2023 System Requirements**

	minimum	recommended
<b>Operating System</b>	Windows 10 Pro version 1909 or newer 64-bit	
<b>Processor (CPU)</b>	Intel i5 quad-core, or AMD Ryzen	6 cores or more, 3 GHz or greater
<b>Memory (RAM)</b>	8 GB	16 GB or more
<b>Graphics Card (GPU)</b>	1 GB VRAM, capabilities: DirectX 11, Pixel Shader 3, Direct3D 10.1	Dedicated GPU designed for CAD (E.g. Nvidia Quadro or AMD FirePro/Radeon Pro) with 4 GB or more VRAM
<b>Monitor</b>	1920 x 1080	
<b>Other Notes</b>	Windows Home not supported.	SSD hard drive