CAD & BIM Technology Dept.
Minimum Computer Requirements

(based on Autodesk minimum requirements for BIM software Revit combined with Tekla Structures best performance system requirements)

Recommended minimum technical specifications:

Program(s)	Revit 2020 • Value: balanced price and performace
Operating system [1]	Microsoft® Windows® 10 64-bit • Windows 10 Enterprise • Windows 10 Pro
Processor	Multi-Core Intel Xeon, or i-Series processor (i5 min.) or AMD equivalent with SSE2 technology. Highest affordable CPU speed rating recommended. Autodesk Revit® software products use multiple cores for many tasks.
Memory	16 GB RAM • Sufficient for a typical editing session for a single model up to approximately 300 MB on disk. This estimate is based on internal testing and customer reports. Individual models vary in their use of computer resources and performance characteristics. • Models created in previous versions of Revit software products may require more available memory for the one-time upgrade process.
Video display resolution	Minimum: 1680 x 1050 with true color Maximum: Ultra-High (4k) Definition Monitor
Monitor(s)	Two 24"/27" 1920x1200 each
Video adapter	DirectX 11 capable graphics card with Shader Model 5 (two monitor support)
Disk space	30 GB free disk space
Media	Download or installation from DVD9 or USB key
External devices	MS-Mouse or 3Dconnexion compliant device (3-button wheel mouse, optical) Speakers, webcam, and a microphone – built-in or USB plug-in or wireless Bluetooth
Browser	Microsoft Internet Explorer 10 or higher, Google Chrome, or Mozilla Firefox
Connectivity	Internet connection for license registration and prerequisite component download. Recommended bandwidth for webinar attendees: For 1:1 video calling: 600kbps (down) for high quality video. For screen sharing with video thumbnail: 50-150kbps (down)
Backup equipment	External hard drive with scheduled backups