

CAD & BIM Technology Program

Minimum laptop 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® 2027. Value: Balanced price and performance
Desktop connector version	When using Desktop connector for Collaboration workflows – Revit 2027 requires Desktop Connector version 16.x or later. Version 15.8 or earlier is not supported for Revit 2027.
Operating system	64-bit Microsoft® Windows 11. See Autodesk’s Product Support Lifecycle for support information.
Processor	Intel® or AMD® processor with 2 GHz or higher base core clock speed. Highest single core base clock speed (GHz) is recommended Autodesk® Revit® software products will use multiple cores for many tasks.
Memory	32 GB RAM or higher Usually sufficient for a typical editing session for a single model up to approximately 600 MB on disk. This estimate is based on internal testing and customer reports. Individual models will 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 colour Maximum: Ultra-High (4k) Definition Monitor
Video adapter	Display adapter capable of 24-bit color and DirectX® 11 capable graphics card with Shader Model 5. Graphics card with 6GB of video memory. Accelerated Graphics: Graphics card with 8GB or more of video memory recommended. OpenGL 4.5 or higher required.
Disk space	30 GB disk space for installation. 100 GB of free disk space for temp files recommended.
Media	Download or installation from DVD9 or USB key
External Devices	MS-Mouse compliant device Speakers, webcam, and a microphone – built-in or USB plug-in or wireless Bluetooth
Browser	Chrome, Edge, or Firefox
Connectivity	Internet connection for license registration and prerequisite component download.
Backup equipment	External hard drive with scheduled backups
.NET platform	.NET 10