

# System requirements for Revit 2021

Revit 2021	
Minimum: Entry-Level Configuration	
Operating System	64-bit Microsoft® Windows® 10. See Autodesk's Product Support Lifecycle for support information.
CPU Type	Single- or Multi-Core Intel®, Xeon®, or i-Series processor or AMD® equivalent with SSE2 technology. Highest affordable CPU speed rating recommended.  Autodesk® Revit® software products use multiple cores for many tasks.
Memory	8 GB RAM <ul style="list-style-type: none"><li>Usually sufficient for a typical editing session for a single model up to approximately 100 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.</li><li>Models created in previous versions of Revit software products may require more available memory for the one-time upgrade process.</li></ul>
Video Display Resolutions	<b>Minimum:</b> 1280 x 1024 with true color  <b>Maximum:</b> UltraHigh (4k) Definition Monitor
Video Adapter	<b>Basic Graphics:</b> Display adapter capable of 24-bit color  <b>Advanced Graphics:</b> DirectX® 11 capable graphics card with Shader Model 5 and a minimum of 4GB of video memory
Disk Space	30 GB free disk space
Media	Download or installation from DVD9 or USB key
Pointing Device	MS-Mouse or 3Dconnexion® compliant device
.NET Framework	.NET Framework Version 4.8 or later.
Browser	Microsoft® Internet Explorer® 10 (or higher)
Connectivity	Internet connection for license registration and prerequisite component download

Revit® 2021	
Value: Balanced price and performance	
Operating System	64-bit Microsoft® Windows® 10. See Autodesk's Product Support Lifecycle for support information.
CPU Type	Single- or Multi-Core Intel®, Xeon®, or i-Series processor 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 <ul style="list-style-type: none"><li>Usually 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 will vary in their use of computer resources and performance characteristics.</li><li>Models created in previous versions of Revit software products may require more available memory for the one-time upgrade process.</li></ul>

<b>Revit® 2021</b> <b>Value: Balanced price and performance</b>	
<b>Video Display Resolutions</b>	<b>Minimum:</b> 1680 x 1050 with true color <b>Maximum:</b> Ultra-High (4k) Definition Monitor
<b>Video Adapter</b>	DirectX 11 capable graphics card with Shader Model 5 and a minimum of 4GB of video memory.
<b>Disk Space</b>	30 GB free disk space
<b>Media</b>	Download or installation from DVD9 or USB key
<b>Pointing Device</b>	MS-Mouse or 3Dconnexion® compliant device
<b>.NET Framework</b>	.NET Framework Version 4.8 or later.
<b>Browser</b>	Microsoft Internet Explorer 10 or higher
<b>Connectivity</b>	Internet connection for license registration and prerequisite component download

<b>Revit® 2021</b> <b>Performance: Large, complex models</b>	
<b>Operating System</b>	64-bit Microsoft® Windows® 10. See Autodesk's Product Support Lifecycle for support information.
<b>CPU Type</b>	Single- or Multi-Core Intel®, Xeon®, or i-Series processor or AMD® equivalent with SSE2 technology. Highest affordable CPU speed rating recommended.  Autodesk® Revit® software products use multiple cores for many tasks.
<b>Memory</b>	32 GB RAM <ul style="list-style-type: none"> <li>Usually sufficient for a typical editing session for a single model up to approximately 700 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.</li> <li>Models created in previous versions of Revit software products may require more available memory for the one-time upgrade process.</li> </ul>
<b>Video Display Resolutions</b>	<b>Minimum:</b> 1920 x 1200 with true color <b>Maximum:</b> Ultra-High (4k) Definition Monitor
<b>Video Adapter</b>	DirectX® 11 capable graphics card with Shader Model 5 and a minimum of 4GB of video memory
<b>Disk Space</b>	<ul style="list-style-type: none"> <li>30 GB free disk space</li> <li>10,000+ RPM HardDrive (for Point Cloud interactions) or Solid State Drive</li> </ul>
<b>Media</b>	Download or installation from DVD9 or USB key
<b>Pointing Device</b>	MS-Mouse or 3Dconnexion® compliant device
<b>.NET Framework</b>	.NET Framework Version 4.8 or later.
<b>Browser</b>	Microsoft® Internet Explorer® 10 or higher
<b>Connectivity</b>	Internet connection for license registration and prerequisite component download

<b>Revit Cloud Worksharing</b>			
<b>Disk Space</b>	Three times (3X) the total disk space consumed by equivalent RVT files for all cloud workshared projects accessed by the user.		
	<b>Minimum</b>	<b>Value</b>	<b>Performance</b>

Revit Cloud Worksharing			
Connectivity	Internet connection able to deliver symmetrical 5 Mbps connection for each machine on burst transfers.	Internet connection able to deliver symmetrical 10 Mbps connection for each machine on burst transfers.	Internet connection able to deliver symmetrical 25 Mbps connection for each machine on burst transfers.

Revit® 2021	
VMware®: Recommended-Level Configuration	
VMware Software	<ul style="list-style-type: none"> <li>VMware Horizon® 6.1 or later</li> <li>VMware vSphere® 6 or later</li> </ul>
Virtual Machine Operating System	64-bit Microsoft® Windows® 10
Host Server Recommendation	Performance
CPU	3.0 GHz+ Intel® Xeon E5 or later; or AMD® equivalent with SSE2 technology
Memory	384-512 GB
Networking	10 GB
Storage	~750+ IOPS Per User
GPU	NVIDIA® GRID (K260Q or later) or AMD MxGPU (Radeon Pro V340 or later)
Virtual Machine Settings	Performance
Memory	16-32 GB RAM
vCPUs	8 vCPUs
Disk Space	30 GB free disk space
Virtual Machine Connectivity	Internet connection for license registration and prerequisite component download.
User Access	Each client computer should have the VMware Horizon Client installed.

Revit® 2021	
Parallels Desktop® 11 for Mac: Recommended-Level Configuration	
Host Operating System	macOS 10.13 (“High Sierra”) or newer
Memory	16 GB
CPU Type	2.7 GHz quad-core Intel® Core i7™ or newer
Virtualization Software	Parallels Desktop® 15 for Mac or newer
Virtual Machine Operating System	64-bit Microsoft® Windows® 10
Virtual Machine Browser	Microsoft® Internet Explorer® 10 or higher
.NET Framework	.NET Framework Version 4.8 or later.
Virtual Machine Memory	8 GB RAM <ul style="list-style-type: none"> <li>Usually sufficient for a typical editing session for a single model up to approximately 100 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.</li> <li>Models created in previous versions of Revit software products may require more available memory for the one-time upgrade process.</li> </ul>
Virtual Machine Video Adapter	512 MB video memory minimum dedicated to the Microsoft® Windows® Virtual Machine.  <b>Note:</b> While at Retina® display resolutions on macOS, turn off any Retina Resolution options in Parallels

**Revit® 2021****Parallels Desktop® 11 for Mac: Recommended-Level Configuration**

	<p>Desktop to adjust for proper DPI within Windows and Revit software products.</p> <p><b>Graphics:</b> Parallels Desktop virtual display adapter without “Use Hardware Acceleration” option in Revit software products.</p>
<b>Disk Space</b>	Minimum 40 GB free disk space; recommend 100 GB free disk space available
<b>Media</b>	Download or installation from USB key
<b>Pointing Device</b>	MS-Mouse or 3Dconnexion® compliant device
<b>Connectivity</b>	Internet connection for license registration and prerequisite component download