

System requirements for Revit 2021 products

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"> 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. Models created in previous versions of Revit software products may require more available memory for the one-time upgrade process.
Video Display Resolutions	Minimum: 1280 x 1024 with true color Maximum: UltraHigh (4k) Definition Monitor
Video Adapter	Basic Graphics: Display adapter capable of 24-bit color Advanced Graphics: 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 ¹	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"> 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. Models created in previous versions of Revit software products may require more available memory for the one-time upgrade process.
Video Display Resolutions	Minimum: 1680 x 1050 with true color Maximum: Ultra-High (4k) Definition Monitor
Video Adapter	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	
Performance: Large, complex models	
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	32 GB RAM <ul style="list-style-type: none"> 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

Revit® 2021	
Performance: Large, complex models	
	<p>and customer reports. Individual models will vary in their use of computer resources and performance characteristics.</p> <ul style="list-style-type: none"> Models created in previous versions of Revit software products may require more available memory for the one-time upgrade process.
Video Display Resolutions	<p>Minimum: 1920 x 1200 with true color</p> <p>Maximum: Ultra-High (4k) Definition Monitor</p>
Video Adapter	DirectX® 11 capable graphics card with Shader Model 5 and a minimum of 4GB of video memory
Disk Space	<ul style="list-style-type: none"> 30 GB free disk space 10,000+ RPM HardDrive (for Point Cloud interactions) or Solid State Drive
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 Cloud Worksharing			
Disk Space	Three times (3X) the total disk space consumed by equivalent RVT files for all cloud workshared projects accessed by the user.		
	Minimum	Value	Performance
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 LT™ 2021	
Operating System *	64-bit Microsoft® Windows® 10. See Autodesk's Product Support Lifecycle for support information.
CPU Type	<p>Single- or Multi-Core Intel®, Xeon®, or i-Series processor or AMD® equivalent with SSE2 technology. Highest affordable CPU speed rating recommended.</p> <p>Autodesk® Revit® software products use multiple cores for many tasks.</p>
Memory	<p>8 GB RAM</p> <ul style="list-style-type: none"> 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

Revit LT™ 2021	
	<p>and customer reports. Individual models will vary in their use of computer resources and performance characteristics.</p> <ul style="list-style-type: none"> Models created in previous versions of Revit software products may require more available memory for the one-time upgrade process.
Video Display Resolutions	<p>Minimum: 1280 x 1024 with true color</p> <p>Maximum: Ultra-High (4k) Definition Monitor</p>
Video Adapter	<p>Basic Graphics: Display adapter capable of 24-bit color</p> <p>Advanced Graphics: DirectX® 11 capable graphics card with Shader Model 5 and a minimum of 4GB of video memory</p>
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 Server 2021			
Operating System	<ul style="list-style-type: none"> Microsoft® Windows Server® 2019 64-bit Microsoft® Windows Server® 2016 64-bit Microsoft® Windows Server® 2012 R2 64-bit 		
Web Server	Microsoft® Internet Information Server 7.0 (or later)		
.NET Framework	.NET Framework Version 4.8 or later.		
CPU Type	4+ cores 2.6 GHz+	6+ cores 2.6 GHz+	6+ cores 3.0 GHz+
<100 Concurrent Users (multiple models)	Minimum	Value	Performance
Memory	8 GB RAM	16 GB RAM	32 GB RAM
Hard Drive	7,200+ RPM	10,000+ RPM	15,000+ RPM
100+ Concurrent Users (multiple models)	Minimum	Value	Performance
Memory	8 GB RAM	16 GB RAM	32 GB RAM

Revit Server 2021			
Hard Drive	10,000+ RPM	15,000+ RPM	High-Speed RAID Array
Virtualization	VMware® and Hyper-V® Support (See Revit Server Administrator's Guide)		

Revit® 2021	
Citrix®: Minimum-Level Configuration ²	
Citrix System	<ul style="list-style-type: none"> • XenApp® 6.5 Feature Pack 2 or higher • Citrix® License Manager • Citrix® Profile Manager
Server OS	As specified by XenApp® system requirements
Authentication	<ul style="list-style-type: none"> • Microsoft® Active Directory <ul style="list-style-type: none"> ○ Roaming Profiles supported
Client OS	<ul style="list-style-type: none"> • Microsoft® Windows® 10 64-bit
Client Browser	Microsoft® Internet Explorer® 10 or higher
User Access	<p>Client computers should be bound to the network domain. Each client computer should have either the <u>full Citrix</u> or <u>web client plug-in</u> installed.</p> <p>Users should use their domain logins to access both the Citrix web console and the LAN.</p>

Revit® 2021	
Revit® LT™ 2021	
VMware®: Recommended-Level Configuration ³	
VMware Software	<ul style="list-style-type: none"> • VMware Horizon® 6.1 or later • VMware vSphere® 6 or later
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

Revit® 2021 Revit® LT™ 2021	
VMware®: Recommended-Level Configuration³	
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 Revit® LT™ 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 System¹	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"> • 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. • Models created in previous versions of Revit software products may require more available memory for the one-time upgrade process.
Virtual Machine Video Adapter	512 MB video memory minimum dedicated to the Microsoft® Windows® Virtual Machine. Note: While at Retina® display resolutions on macOS, turn off any Retina Resolution options in Parallels Desktop to adjust for proper DPI within Windows and

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

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