AUTODESK® REVIT® PRODUCTS

Issue:

This article provides the system requirements for Autodesk® Revit® 2016 Products including: Autodesk Revit, Autodesk Revit Architecture, Autodesk Revit MEP, and Autodesk Revit Structure.

Solution:

For Autodesk Revit 2016, Autodesk Revit Architecture 2016, Autodesk Revit MEP 2016, and Autodesk Revit Structure 2016

Minimum: Entry-Level Configuration	
Operating System [1]	**Microsoft® Windows® 7 SP1 64-bit:** Windows 7 Enterprise, Ultimate, Professional, or Home Premium **Microsoft® Windows® 8 64-bit:** Windows 8 Enterprise, Pro, or Windows 8 **Microsoft® Windows® 8.1 64-bit:** Windows 8.1 Enterprise, Pro, or Windows 8.1
CPU Type	Single- or Multi-Core Intel® Pentium®, Xeon®, or i-Series processor or AMD® equivalent with SSE2 technology. Highest affordable CPU speed rating recommended. Autodesk® Revit® software products will use multiple cores for many tasks, using up to 16 cores for near-photorealistic rendering operations.
Memory	4 GB RAM • 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	1,280 x 1,024 with true color DPI Display Setting: 150% or less
Video Adapter	**Basic Graphics:** Display adapter capable of 24-bit color **Advanced Graphics:** DirectX® 11 capable graphics card with Shader Model 3 as recommended by Autodesk.
Disk Space	5 GB free disk space
Media	Download or installation from DVD9 or USB key
Pointing Device	MS-Mouse or 3Dconnexion® compliant device
Browser	Microsoft® Internet Explorer® 7.0 (or later)
Connectivity	Internet connection for license registration and prerequisite component download

Value: Balanced price and performance	
Operating System [1]	**Microsoft® Windows® 7 SP1 64-bit:** Windows 7 Enterprise, Ultimate, Professional, or Home Premium **Microsoft® Windows® 8 64-bit:** Windows 8 Enterprise, Pro, or Windows 8 **Microsoft® Windows® 8.1 64-bit:** Windows 8.1 Enterprise, Pro, or Windows 8.1

Value: Balanced price and performance	
CPU Type	Multi-Core Intel® Xeon®, or i-Series processor or AMD® equivalent with SSE2 technology. Highest affordable CPU speed rating recommended. Autodesk® Revit® software products will use multiple cores for many tasks, using up to 16 cores for near-photorealistic rendering operations.
Memory	8 GB RAM • 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	1,680 x 1,050 with true color DPI Display Setting: 150% or less
Video Adapter	DirectX® 11 capable graphics card with Shader Model 3 as recommended by Autodesk.
Disk Space	5 GB free disk space
Media	Download or installation from DVD9 or USB key
Pointing Device	MS-Mouse or 3Dconnexion® compliant device
Browser	Microsoft® Internet Explorer® 7.0 (or later)
Connectivity	Internet connection for license registration and prerequisite component download

Performance: Large, complex models	
Operating System [1]	**Microsoft® Windows® 7 SP1 64-bit:** Windows 7 Enterprise, Ultimate, Professional, or Home Premium **Microsoft® Windows® 8 64-bit:** Windows 8 Enterprise, Pro, or Windows 8 **Microsoft® Windows® 8.1 64-bit:** Windows 8.1 Enterprise, Pro, or Windows 8.1
CPU Type	Multi-Core Intel® Xeon®, or i-Series processor or AMD® equivalent with SSE2 technology. Highest affordable CPU speed rating recommended. Autodesk® Revit® software products will use multiple cores for many tasks, using up to 16 cores for near-photorealistic rendering operations.
Memory	16 GB RAM • 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. • Models created in previous versions of Revit software products may require more available memory for the one-time upgrade process.
Video Display	1,920 x 1,200 with true color DPI Display Setting: 150% or less
Video Adapter	DirectX® 11 capable graphics card with Shader Model 3 as recommended by Autodesk.
Disk Space	5 GB free disk space 10,000+ RPM (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
Browser	Microsoft® Internet Explorer® 7.0 (or later)
Connectivity	Internet connection for license registration and prerequisite component download

Autodesk® A360 Collaboration for Revit®			
	Minimum	**Value**	**Performance**
Disk Space	20 GB of free disk space for Collaboration Cache	30 GB of free disk space for Collaboration Cache	30 GB of free disk space for Collaboration Cache
Connectivity	Symmetrical 2 Mbps connection for each machine	Symmetrical 5 Mbps connection for each machine	Symmetrical 8 Mbps connection for each machine

System requirements for Autodesk® Revit® Server 2016			
Operating System	• Microsoft® Windows Server® 2008 R2 SP1 64-bit • Microsoft® Windows Server® 2012 64-bit • Microsoft® Windows Server® 2012 R2 64-bit		
Web Server	Microsoft® Internet Information Server 7.0 (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	4 GB RAM	8 GB RAM	16 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
Hard Drive	10,000+ RPM	15,000+ RPM	High-Speed RAID Array
Virtualization	VMware® and Hyper-V® Support (See Revit Server Administrator's Guide)		

Citrix®: Recommended-Level Configuration [2]	
Citrix System	• XenApp® 6.5 Feature Pack 2 or XenDesktop® 6.5 • Citrix® License Manager • Citrix® Profile Manager
Server OS	As specified by XenApp® system requirements
Authentication	Microsoft® Active Directory • Roaming Profiles supported
Client OS	• Microsoft® Windows® 7 SP1 64-bit • Microsoft® Windows® 8 64-bit • Microsoft® Windows® 8.1 64-bit
Client Browser	Microsoft® Internet Explorer® 7.0 (or later)
User Access	Client computers should be bound to the network domain. Each client computer should have either the full Citrix® or web client plug-in installed. Users should use their domain logins to access both the Citrix web console and the LAN.

Parallels Desktop® 10 for Mac: Recommended-Level Configuration	
Host Operating System & Hardware Type	Mac® OS X® 10.10.1 "Yosemite" MacBook Pro® 10,1; iMac® 14,1 or newer
Memory	16 GB
CPU Type	2.7 GHz quad-core Intel® Core i7™ recommended
Virtualization Software	Parallels Desktop® 10 for Mac or newer
Virtual Machine Operating System [1]	**Microsoft® Windows® 7 SP1 64-bit:** Windows 7 Enterprise, Ultimate, Professional, or Home Premium

Parallels Desktop® 10 for Mac: Recommended-Level Configuration	
	Microsoft® Windows® 8 64-bit: Windows 8 Enterprise, Pro, or Windows 8 **Microsoft® Windows® 8.1 64-bit:** Windows 8.1 Enterprise, Pro, or Windows 8.1
Virtual Machine Browser	Microsoft® Internet Explorer® 7.0 (or later)
Virtual Machine Memory	8 GB RAM • 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 the Mac OS, turn off any Retina Resolution options in Parallels Desktop to adjust for proper DPI within Windows and Revit software products. **Graphics:** Parallels Desktop virtual display adapter without "Use Hardware Acceleration" option in Revit software products.
Video Adapter	NVIDIA® GeForce® GT 650M - 2,880 × 1,800 with 24-bit color (see Virtual Video Adapter note) Intel® Iris Pro - 1,920 × 1,080 with 32-bit color or newer (see Virtual Video Adapter note)
Disk Space	Minimum 40 GB free disk space; recommend 100 GB free disk space available
Media	Download or installation from DVD9 or USB key
Pointing Device	MS-Mouse or 3Dconnexion® compliant device
Connectivity	Internet connection for license registration and prerequisite component download

Always check Autodesk's website for the most up to date System requirements, this version of system requirements is from 12 April 2015.

[1] Learn more about using Autodesk Revit 2016, Autodesk Revit Architecture 2016, Autodesk Revit MEP 2016, Autodesk Revit Structure 2016, or Autodesk Revit LT 2016 software with Boot Camp® application program, part of Mac OS X that enables you to install and run Microsoft Windows (and Windows-based applications) on a Mac® computer or with Parallels Desktop, a system utility available from Parallels, Inc. that allows you to run applications in each operating system without restarting your computer.

[2] Disclaimer: The Citrix application is network-based and performance of Autodesk Revit for Citrix software products may vary with network performance. The software does not include the Citrix application, nor does Autodesk provide direct support for issues with the Citrix application. Users should contact Citrix directly with questions related to procurement and operation of the Citrix application.

Source: Autodesk's website