

Autodesk® Revit® 2016 Product Line System Requirements and Recommendations

Autodesk® Revit® 2016, Autodesk® Revit® Architecture 2016, Autodesk® Revit® MEP 2016, Autodesk® Revit® Structure 2016	
Minimum: Entry-Level Configuration.....	2
Value: Balanced price and performance.....	4
Performance: Large, complex models.....	6
Autodesk® A360 Collaboration for Revit®	8
Autodesk® Revit LT™ 2016	9
Autodesk® Revit® Server 2016	11
Citrix®: Recommended-Level Configuration.....	12
Parallels Desktop® 10 for Mac®: Recommended-Level Configuration	13

Autodesk® Revit® 2016
Autodesk® Revit® Architecture 2016
Autodesk® Revit® MEP 2016
Autodesk® Revit® Structure 2016

Minimum: Entry-Level Configuration

Operating System*	<p>Microsoft® Windows® 7 SP1 64-bit</p> <ul style="list-style-type: none"> • Windows 7 Enterprise • Windows 7 Ultimate • Windows 7 Professional • Windows 7 Home Premium <p>Microsoft® Windows® 8 64-bit</p> <ul style="list-style-type: none"> • Windows 8 Enterprise • Windows 8 Pro • Windows 8 <p>Microsoft® Windows® 8.1 64-bit</p> <ul style="list-style-type: none"> • Windows 8.1 Enterprise • Windows 8.1 Pro • Windows 8.1
CPU Type	<p>Single- or Multi-Core Intel® Pentium®, Xeon®, or i-Series processor or AMD® equivalent with SSE2 technology. Highest affordable CPU speed rating recommended.</p> <p>Autodesk® Revit® software products will use multiple cores for many tasks, using up to 16 cores for near-photorealistic rendering operations.</p>
Memory	<p>4 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 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	<p>1,280 x 1,024 with true color DPI Display Setting: 150% or less</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 3 as recommended by Autodesk.</p>
Disk Space	<p>5 GB free disk space</p>

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® Revit® 2016
Autodesk® Revit® Architecture 2016
Autodesk® Revit® MEP 2016
Autodesk® Revit® Structure 2016

Value: Balanced price and performance

Operating System*	<p>Microsoft® Windows® 7 SP1 64-bit</p> <ul style="list-style-type: none"> • Windows 7 Enterprise • Windows 7 Ultimate • Windows 7 Professional • Windows 7 Home Premium <p>Microsoft® Windows® 8 64-bit</p> <ul style="list-style-type: none"> • Windows 8 Enterprise • Windows 8 Pro • Windows 8 <p>Microsoft® Windows® 8.1 64-bit</p> <ul style="list-style-type: none"> • Windows 8.1 Enterprise • Windows 8.1 Pro • Windows 8.1
CPU Type	<p>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 will use multiple cores for many tasks, using up to 16 cores for near-photorealistic rendering operations.</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 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	<p>1,680 x 1,050 with true color DPI Display Setting: 150% or less</p>
Video Adapter	<p>DirectX® 11 capable graphics card with Shader Model 3 as recommended by Autodesk.</p>
Disk Space	<p>5 GB free disk space</p>
Media	<p>Download or installation from DVD9 or USB key</p>
Pointing Device	<p>MS-Mouse or 3Dconnexion® compliant device</p>

Browser	Microsoft® Internet Explorer® 7.0 (or later)
Connectivity	Internet connection for license registration and prerequisite component download

Autodesk® Revit® 2016
Autodesk® Revit® Architecture 2016
Autodesk® Revit® MEP 2016
Autodesk® Revit® Structure 2016

Performance: Large, complex models

Operating System*	<p>Microsoft® Windows® 7 SP1 64-bit</p> <ul style="list-style-type: none"> • Windows 7 Enterprise • Windows 7 Ultimate • Windows 7 Professional • Windows 7 Home Premium <p>Microsoft® Windows® 8 64-bit</p> <ul style="list-style-type: none"> • Windows 8 Enterprise • Windows 8 Pro • Windows 8 <p>Microsoft® Windows® 8.1 64-bit</p> <ul style="list-style-type: none"> • Windows 8.1 Enterprise • Windows 8.1 Pro • Windows 8.1
CPU Type	<p>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 will use multiple cores for many tasks, using up to 16 cores for near-photorealistic rendering operations.</p>
Memory	<p>16 GB RAM</p> <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 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	<p>1,920 x 1,200 or higher with true color DPI Display Setting: 150% or less</p>
Video Adapter	<p>DirectX® 11 capable graphics card with Shader Model 3 as recommended by Autodesk.</p>
Disk Space	<ul style="list-style-type: none"> • 5 GB free disk space • 10,000+ RPM (for Point Cloud interactions) or Solid State Drive
Media	<p>Download or installation from DVD9 or USB key</p>
Pointing Device	<p>MS-Mouse or 3Dconnexion® compliant device</p>

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

Autodesk® Revit LT™ 2016

Operating System*	<p>Microsoft® Windows® 7 SP1 32-bit</p> <ul style="list-style-type: none">• Windows 7 Enterprise• Windows 7 Ultimate• Windows 7 Professional• Windows 7 Home Premium <p>Microsoft® Windows® 7 SP1 64-bit</p> <ul style="list-style-type: none">• Windows 7 Enterprise• Windows 7 Ultimate• Windows 7 Professional• Windows 7 Home Premium <p>Microsoft® Windows® 8 64-bit</p> <ul style="list-style-type: none">• Windows 8 Enterprise• Windows 8 Pro• Windows 8 <p>Microsoft® Windows® 8.1 64-bit</p> <ul style="list-style-type: none">• Windows 8.1 Enterprise• Windows 8.1 Pro• 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.
Memory	<p>4 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 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.• /3GB RAM switch not recommended where applicable. Revit software and system stability can be affected by memory conflicts with video drivers when the /3GB switch is active.
Video Display	1,280 x 1,024 with true color DPI Display Setting: 150% or less
Video Adapter	<p>Basic Graphics: Display adapter capable of 24-bit color</p> <p>Advanced Graphics: DirectX® 11 capable graphics card with Shader Model 3 as as recommended by Autodesk.</p>
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

Autodesk® Revit® Server 2016

Operating System	<ul style="list-style-type: none"> • 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 3.0GHz+
<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)		

Autodesk® Revit® 2016
Autodesk® Revit® Architecture 2016
Autodesk® Revit® MEP 2016
Autodesk® Revit® Structure 2016

Citrix®: Recommended-Level Configuration**

Citrix System	<ul style="list-style-type: none"> • 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	<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® 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	<p>Client computers should be bound to the network domain. Each client computer should have either the full Citrix® or web client plug-in installed.</p> <p>Users should use their domain logins to access both the Citrix web console and the LAN.</p>

Autodesk® Revit® 2016
Autodesk® Revit® Architecture 2016
Autodesk® Revit® MEP 2016
Autodesk® Revit® Structure 2016
Autodesk® Revit LT™ 2016

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*	<p>Microsoft® Windows® 7 SP1 64-bit</p> <ul style="list-style-type: none"> • Windows 7 Enterprise • Windows 7 Ultimate • Windows 7 Professional • Windows 7 Home Premium <p>Microsoft® Windows® 8 64-bit</p> <ul style="list-style-type: none"> • Windows 8 Enterprise • Windows 8 Pro • Windows 8 <p>Microsoft® Windows® 8.1 64-bit</p> <ul style="list-style-type: none"> • Windows 8.1 Enterprise • Windows 8.1 Pro • Windows 8.1
Virtual Machine Browser	Microsoft® Internet Explorer® 7.0 (or later)
Virtual Machine 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 and customer reports. Individual models will vary in their use of computer resources and performance characteristics.

	<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.
Virtual Machine Video Adapter	<p>512 MB video memory minimum dedicated to the Microsoft® Windows® Virtual Machine.</p> <p>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.</p> <p>Graphics: Parallels Desktop virtual display adapter without “Use Hardware Acceleration” option in Revit software products.</p>
Video Adapter	<ul style="list-style-type: none"> NVIDIA® GeForce® GT 650M - 2,880 × 1,800 with 24-bit color Intel® Iris Pro - 1,920 x 1080 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 USB key
Pointing Device	MS-Mouse or 3Dconnexion® compliant device
Connectivity	Internet connection for license registration and prerequisite component download

*[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.

**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.

Autodesk, the Autodesk logo, Revit, and Revit LT are registered trademarks or trademarks of Autodesk, Inc., and/or its subsidiaries and/or affiliates, in the USA and/or other countries. Boot Camp, Mac, MacBook Pro, OS X, and Retina are trademarks of Apple, Inc., registered in the U.S. and other countries. Microsoft, DirectX, Internet Explorer, and Windows are all either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. Citrix and XenApp are registered trademarks of Citrix Systems, Inc. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product and services offerings, and specifications and pricing at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

©2015 Autodesk, Inc. All rights reserved.