

# System Requirements for Autodesk Revit 2014 Products

Find this information at:

<http://knowledge.autodesk.com/support/revit-products/troubleshooting/caas/sfdcarticles/sfdcarticles/System-Requirements-for-Autodesk-Revit-2014-Products.html>

Issue:

This document provides the system requirements for Autodesk Revit 2014 Products including: Autodesk Revit, Autodesk Revit Architecture, Autodesk Revit MEP, Autodesk Revit Structure, and Autodesk Revit LT.

Solution:

## Autodesk Revit 2014 Product System Requirements

**For Autodesk® Revit® 2014, Autodesk® Revit® Architecture 2014, Autodesk® Revit® MEP 2014, Autodesk® Revit® Structure 2014, and Autodesk® Revit® LT 2014**

### Minimum entry-level configuration

- Windows® 7 32-bit Enterprise, Ultimate, Professional, or Home Premium edition operating system<sup>[1]</sup>
- Single- or multi-core Intel® Pentium®, Intel® Xeon®, or i-Series processor or AMD equivalent with SSE2 technology (highest affordable CPU speed rating recommended)
- Multiple cores for many tasks, up to 16 cores for near-photorealistic rendering operations
- 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 products may require more available memory for the one-time upgrade process
- /3GB RAM switch not recommended. Revit software and system stability can be affected by memory conflicts with video drivers when the /3GB switch is active.
- 5 GB free disk space
- 1,280 x 1,024 monitor with true color
- Display adapter capable of 24-bit color for basic graphics, 256 MB DirectX® 11-capable graphics card with Shader Model 3 as [recommended by Autodesk](#)
- Microsoft® Internet Explorer® 7 (or later)
- MS-Mouse or 3Dconnexion®-compliant device
- Download or installation from DVD9 or USB key
- Internet connectivity for license registration and prerequisite component download

### Value: Balanced performance

- Windows® 8 64-bit Enterprise or Professional edition, or Windows 7 64-bit Enterprise, Ultimate, Professional, or Home Premium edition operating system

- Multicore Xeon or i-Series processor or AMD equivalent with SSE2 technology (highest affordable CPU speed rating recommended)
- Multiple cores for many tasks, up to 16 cores for near-photorealistic rendering operations
- 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
- 5 GB free disk space
- 1,680 x 1,050 monitor with true color
- DirectX 11 capable graphics card with Shader Model 3 as [recommended by Autodesk](#)
- Internet Explorer 7 (or later)
- MS-Mouse or 3Dconnexion-compliant device
- Download or installation from DVD9 or USB key
- Internet connectivity for license registration and prerequisite component download

#### **Performance: Large, complex models**

- Windows 8 64-bit Enterprise or Professional edition, or Windows 7 64-bit Enterprise, Ultimate, Professional, or Home Premium edition
- Multicore Xeon or i-Series processor or AMD equivalent with SSE2 technology (highest affordable CPU speed rating recommended)
- Multiple cores for many tasks, up to 16 cores for near-photorealistic rendering operations
- 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
- 5 GB free disk space; 10,000+ RPM for Point Cloud interactions
- 1,920 x 1,200 monitor with true color
- DirectX 11 capable graphics card with Shader Model 3 as [recommended by Autodesk](#)
- Internet Explorer 7 (or later)
- MS-Mouse or 3Dconnexion-compliant device
- Download or installation from DVD9 or USB key
- Internet connectivity for license registration and prerequisite component download

#### **For Autodesk Revit Server 2014, less than 75 concurrent users**

- Microsoft® Windows® Server 2012 64-bit, Microsoft® Windows® Server 2008 R2 64-bit, or Microsoft® Windows® Server 2008 64-bit
- Processor with 4 or more cores and at least 2.6 GHz (6 or more cores and 3 GHz for maximum performance)
- Microsoft® Internet Information Server 7 (or later)

- 4 GB RAM (8 GB RAM for value performance, 16 GB for maximum performance)
- 7,200 or more RPM hard drive with 6Gbps link (10,000+ RPM recommended for value performance, 15,000 or more RPM for maximum performance)

#### **For Autodesk Revit Server 2014, 75 or more concurrent users**

- Windows Server 2012 64-bit, Windows Server 2008 R2 64-bit, or Windows Server 2008 64-bit
- Processor with 6 or more cores and at least 2.6 GHz (8 or more cores and at least 2.6 GHz for value performance, 12 or more cores and 3 GHz for maximum performance)
- Internet Information Server 7 (or later)
- 8 GB RAM (16 GB RAM for value performance, 32 GB RAM for maximum performance)
- 15,000 or more RPM hard drive (high-speed RAID array of more than 15,000 RPM drives for maximum performance)
- VMware® Support
- Microsoft® Hyper-V® Support (See Revit Server Administrator's Guide)

#### **Revit Architecture for Citrix[2] 2014**

- Windows 8 64-bit, Windows 7 32- and 64-bit
- Citrix system with XenApp® 6.0 or 6.5, Citrix® License Manager, and Citrix® Profile Manager
- Microsoft® Active Directory with support for roaming profiles
- Dedicated Autodesk license server for session-specific licenses
- Microsoft Internet Explorer 7 (or later)
- Client computers should be bound to the network domain, and each client computer should install either the [full or web client plug-in](#)
- Users should use their domain logins to access both the Citrix web console and the LAN

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1. [Learn more](#) about using Revit 2014, Revit Architecture 2014, Revit MEP 2014, Revit Structure 2014, and Revit LT 2014 software with Boot Camp®, part of Mac OS® X that enables you to install and run Windows (and Windows-based applications) on a Mac® computer or with Parallels Desktop®, a system utility available from Parallels, Inc. that enables you to run applications in each operating system without restarting your computer.
  2. Revit Architecture 2014, Revit MEP 2014, and Revit Structure 2014 software products are Citrix Ready™ Applications. Disclaimer: The Citrix application is network-based and performance of Autodesk Citrix Ready Applications may vary with network performance. These Revit software products do 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.