

# Autodesk® Revit® Structure 2012

## System Requirements and Recommendations

<b>Minimum: Entry-level configuration</b>	
<b>Description</b>	<b>Requirement</b>
Operating System	<p>Microsoft® Windows® 7 32-bit</p> <ul style="list-style-type: none"> <li>▪ Enterprise</li> <li>▪ Ultimate</li> <li>▪ Professional</li> <li>▪ Home Premium</li> </ul> <p>Microsoft® Windows® Vista® 32-bit (SP2 or later)</p> <ul style="list-style-type: none"> <li>▪ Enterprise</li> <li>▪ Ultimate</li> <li>▪ Business</li> <li>▪ Home Premium</li> </ul> <p>Microsoft® Windows® XP (SP2 or later)</p> <ul style="list-style-type: none"> <li>▪ Professional</li> <li>▪ Home</li> </ul>
Browser	Microsoft® Internet Explorer® 7.0 (or later)
CPU type	<p>Microsoft Windows 7 32-bit or Microsoft Windows Vista 32-bit (SP2 or later)</p> <ul style="list-style-type: none"> <li>▪ Intel® Pentium® 4 or AMD Athlon® Dual Core, 3.0 GHz (or higher) with SSE2 technology</li> </ul> <p>Microsoft Windows XP (SP2 or later)</p> <ul style="list-style-type: none"> <li>▪ Intel Pentium 4 or AMD Athlon Dual Core, 1.6 GHz (or higher) with SSE2 technology</li> </ul>
Memory	<p>4 GB RAM</p> <ul style="list-style-type: none"> <li>▪ Usually sufficient for a typical editing session for a single model of approximately 100MB 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 may require more available memory for the one-time upgrade process.</li> <li>▪ /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.</li> </ul>

Video Display	1,280 x 1,024 display with True Color
Video Adapter	<p>Basic Graphics</p> <ul style="list-style-type: none"> <li>▪ Display adapter capable of 24-bit color</li> </ul> <p>Advanced Graphics</p> <ul style="list-style-type: none"> <li>▪ 256 MB DirectX® 10 capable graphics card with Shader Model 3 as recommended by Autodesk at:  <a href="http://www.autodesk.com/revitstructure-graphicscard">www.autodesk.com/revitstructure-graphicscard</a></li> </ul>
Hard Disk	5 GB free disk space
Pointing Device	MS-Mouse compliant
Media	Download or installation from DVD9
Connectivity	Internet connection for license registration and prerequisite component download

## **Value:** Balanced price and performance

<b>Description</b>	<b>Requirement</b>
Operating System	<p>Microsoft® Windows® 7 64-bit</p> <ul style="list-style-type: none"> <li>▪ Enterprise</li> <li>▪ Ultimate</li> <li>▪ Professional</li> <li>▪ Home Premium</li> </ul> <p>Microsoft® Windows Vista® 64-bit (SP2 or later)</p> <ul style="list-style-type: none"> <li>▪ Enterprise</li> <li>▪ Ultimate</li> <li>▪ Business</li> <li>▪ Home Premium</li> </ul> <p>Microsoft® Windows® XP Professional x64 Edition (SP2)</p>
Browser	Microsoft® Internet Explorer® 7.0 (or later)
CPU type	<p>Microsoft Windows 7 64-bit or Microsoft Windows Vista 64-bit (SP2 or later)</p> <ul style="list-style-type: none"> <li>▪ Intel® Core™ i5-2300 quad-core processor [2.8GHz, 6MB cache] or equivalent AMD® processor</li> </ul> <p>Microsoft Windows XP Professional x64 Edition (SP2)</p> <ul style="list-style-type: none"> <li>▪ Intel® Pentium® 4 or AMD Athlon® Dual Core, 1.6 GHz (or higher) with SSE2 technology</li> </ul>

Memory	8 GB RAM <ul style="list-style-type: none"> <li>Usually sufficient for a typical editing session for a single model of approximately 300MB 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 may require more available memory for the one-time upgrade process.</li> </ul>
Video Display	1,680 x 1,050 display with True Color
Video Adapter	1 GB DirectX® 10 capable graphics card with Shader Model 3 as recommended by Autodesk at: <a href="http://www.autodesk.com/revitstructure-graphicscard">www.autodesk.com/revitstructure-graphicscard</a>
Hard Disk	5 GB free disk space
Pointing Device	MS-Mouse compliant
Media	Download or installation from DVD9
Connectivity	Internet connection for license registration and prerequisite component download

## Performance: For large, complex models

Description	Requirement
Operating System	Microsoft® Windows® 7 64-bit <ul style="list-style-type: none"> <li>Enterprise</li> <li>Ultimate</li> <li>Professional</li> <li>Home Premium</li> </ul>
Browser	Microsoft® Internet Explorer® 7.0 (or later)
CPU type	Intel® Core™ i7-2600 quad-core processor [3.8GHz, 8MB cache] or equivalent AMD® processor
Memory	16 GB RAM <ul style="list-style-type: none"> <li>Usually sufficient for a typical editing session for a single model of approximately 700MB 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 may require more available memory for the one-time upgrade process.</li> </ul>
Video Display	1,920 x 1,200 display with True Color

Video Adapter	2GB+ DirectX® 10 capable graphics card with Shader Model 3 as recommended by Autodesk at: <a href="http://www.autodesk.com/revitstructure-graphicscard">www.autodesk.com/revitstructure-graphicscard</a>
Hard Disk	5 GB free disk space <ul style="list-style-type: none"><li>▪ 10000+ RPM (important for Point Cloud interactions)</li></ul>
Pointing Device	MS-Mouse compliant
Media	Download or installation from DVD9
Connectivity	Internet connection for license registration and prerequisite component download

# Autodesk® Revit® Server 2012

Description	Requirement		
Operating System	<ul style="list-style-type: none"> <li>▪ Microsoft® Windows® Server 2008 R2 64-bit</li> <li>▪ Microsoft® Windows® Server 2008 64-bit</li> </ul>		
Web Server	Microsoft® Internet Information Server 7.0 (or later)		
<b>&lt; 100 Concurrent Users</b> (multiple models)	<b>Minimum</b>	<b>Value</b>	<b>Performance</b>
CPU type	4+ cores 2.6 GHz+	6+ cores 2.6 GHz+	6+ cores 3.0 GHz+
Memory	4 GB RAM	8 GB RAM	16 GB RAM
Hard Drive	7200+ RPM	10000+ RPM	15000+ RPM
<b>100 + Concurrent Users</b> (multiple models)	<b>Minimum</b>	<b>Value</b>	<b>Performance</b>
CPU type	4+ cores 2.6 GHz+	6+ cores 2.6 GHz+	6+ cores 3.0GHz+
Memory	8 GB RAM	16 GB RAM	32 GB RAM
Hard Drive	10000+ RPM	15000+ RPM	High-Speed RAID Array
<b>Virtualization</b>	VMware® Support (See Revit Server Administrator's Guide)		

## Autodesk Revit Structure 2012 software for Citrix XenApp6\*

Description	Requirement
Citrix System	<ul style="list-style-type: none"><li>▪ XenApp® 6.0</li><li>▪ Citrix® License Manager</li><li>▪ Citrix® Profile Manager</li></ul>
Authentication	Microsoft® Active Directory <ul style="list-style-type: none"><li>▪ Roaming Profiles supported</li></ul>
License Server	Dedicated Autodesk license server for session-specific licenses
Client OS	<ul style="list-style-type: none"><li>▪ Microsoft® Windows® 7 64-bit</li><li>▪ Microsoft® Windows® 7 32-bit</li><li>▪ Microsoft® Windows® XP Professional x64 Edition (SP2)</li><li>▪ Microsoft® Windows® XP (SP2 or later)</li></ul>
Client Browser	<ul style="list-style-type: none"><li>• Internet Explorer® 8</li><li>• Internet Explorer 7</li></ul>
User Access	<ul style="list-style-type: none"><li>▪ Client computers should be bound to the network domain. Each client computer should have either the <a href="#">full or web online client plug-in</a> installed.</li><li>▪ Users should use their domain logins to access both the Citrix web console and the LAN.</li></ul>

\*Additional Disclaimer: Autodesk Revit Structure software does not include the Citrix application, nor does Autodesk provide support for issues with the Citrix application. Users should contract Citrix directly with questions related to procurement and operation of the Citrix application.

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