Autodesk® Revit® Architecture 2012
System Requirements and Recommendations

Minimum: Entry-level configuration	
Description	**Requirement**

Operating System*	Microsoft® Windows® 7 32-bit
	
	  ▪ Enterprise
	  ▪ Ultimate
	  ▪ Professional
	  ▪ Home Premium
	
	Microsoft® Windows® Vista® 32-bit (SP2 or later)
	
	  ▪ Enterprise
	  ▪ Ultimate
	  ▪ Business
	  ▪ Home Premium
	
	Microsoft® Windows® XP (SP2 or later)
	
	  ▪ Professional
	  ▪ Home

Browser	Microsoft® Internet Explorer® 7.0 (or later)

CPU type	Microsoft Windows 7 32-bit or Microsoft Windows Vista 32-bit (SP2 or later)
	
	  ▪ Intel® Pentium® 4 or AMD Athlon® Dual Core, 3.0 GHz (or higher) with SSE2 technology
	
	Microsoft Windows XP (SP2 or later)
	
	  ▪ Intel Pentium 4 or AMD Athlon Dual Core, 1.6 GHz (or higher) with SSE2 technology

Memory	4 GB RAM
	
	  ▪ 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.
	
	  ▪ Models created in previous versions of Revit software 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.

Video Display	1,280 x 1,024 display with True Color
Video Adapter	Basic Graphics

	▪ Display adapter capable of 24-bit color Advanced Graphics ▪ 256 MB DirectX® 10 capable graphics card with Shader Model 3 as recommended by Autodesk at: www.autodesk.com/revitarchitecture-graphicscard
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

Description	Requirement
Operating System*	Microsoft® Windows® 7 64-bit ▪ Enterprise ▪ Ultimate ▪ Professional ▪ Home Premium Microsoft® Windows Vista® 64-bit (SP2 or later) ▪ Enterprise ▪ Ultimate ▪ Business ▪ Home Premium Microsoft® Windows® XP Professional x64 Edition (SP2)
Browser	Microsoft® Internet Explorer® 7.0 (or later)
CPU type	Microsoft Windows 7 64-bit or Microsoft Windows Vista 64-bit (SP2 or later) ▪ Intel® Core™ i5-2300 quad-core processor [2.8GHz, 6MB cache] or equivalent AMD® processor Microsoft Windows XP Professional x64 Edition (SP2) ▪ Intel® Pentium® 4 or AMD Athlon® Dual Core, 1.6 GHz (or higher) with SSE2 technology
Memory	8 GB RAM ▪ 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. ▪ Models created in previous versions of Revit software may require more available memory for the one-time upgrade process.
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: www.autodesk.com/revitarchitecture-graphicscard
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 ▪ Enterprise ▪ Ultimate ▪ Professional ▪ Home Premium
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 ▪ 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. ▪ Models created in previous versions of Revit software may require more available memory for the one-time upgrade process.
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: www.autodesk.com/revitarchitecture-graphicscard
Hard Disk	5 GB free disk space ▪ 10000+ RPM (important for Point Cloud interactions)
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	▪ Microsoft® Windows® Server 2008 R2 64-bit ▪ Microsoft® Windows® Server 2008 64-bit		
Web Server	Microsoft® Internet Information Server 7.0 (or later)		
< 100 Concurrent Users (multiple models)	**Minimum**	**Value**	**Performance**
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
100 + Concurrent Users (multiple models)	**Minimum**	**Value**	**Performance**
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
Virtualization	VMware® Support (See Revit Server Administrator's Guide)		

Autodesk Revit Architecture 2012 for Citrix**

Description	Requirement
Citrix System	- XenApp® 6.0 - Citrix® License Manager - Citrix® Profile Manager
Authentication	Microsoft® Active Directory Roaming Profiles supported
License Server	Dedicated Autodesk license server for session-specific licenses
Client OS	- Microsoft® Windows® 7 64-bit - Microsoft® Windows® 7 32-bit - Microsoft® Windows® XP Professional x64 Edition (SP2) - Microsoft® Windows® XP (SP2 or later)
Client Browser	- Internet Explorer® 8 - Internet Explorer 7
User Access	- Client computers should be bound to the network domain. Each client computer should have either the full or web online client plug-in installed. - Users should use their domain logins to access both the Citrix web console and the LAN.