

Autodesk® Infrastructure Design Suite System Requirements

Autodesk® Infrastructure Design Suite Standard 2013

Foundational GIS and Design

Autodesk® Infrastructure Design Suite Standard 2013 offers engineering and geospatial professionals an AutoCAD® workflow with foundational planning, design, and coordination capabilities.

The following software products are included in the Autodesk Infrastructure Design Suite – Standard edition:

- AutoCAD® 2013
- AutoCAD® Map 3D 2013
- AutoCAD® Raster Design 2013
- Autodesk® Storm and Sanitary Analysis 2013
- Autodesk® Navisworks® Simulate 2013

Supported Operating Systems

	32 bit	64 bit	Exceptions
Microsoft® Windows® 7 Home Premium, Professional, Ultimate, Enterprise	✓	✓	For AutoCAD Map 3D 2013: Windows 7 Home Premium is not a tested platform.
Microsoft® Windows® XP Professional (SP3)	✓		
Microsoft Windows XP Professional X64 (SP2)		✓	

Supported CPU Type

Minimum	Recommendation	Exceptions
Microsoft Windows XP 1.6 GHz or Higher Intel® Pentium® 4 or AMD Athlon® Dual Core with SSE2 technology Microsoft Windows 7 3.0 GHz or Higher Intel Pentium 4 or AMD Athlon Dual Core with SSE2 technology	Single- or Multi-Core Intel Pentium, Xeon®, or i-Series processor or AMD® equivalent with SSE2 technology. Highest affordable CPU speed rating recommended. Check www.autodesk.com/systemrequirements for details on specific Infrastructure Design Suite included products, where more information may exist.	For 3D Modeling in AutoCAD 2013 based products: Intel Pentium 4 processor or AMD Athlon, 3.0 GHz or greater or Intel or AMD Dual Core processor, 2.0 GHz or greater

Recommended Memory

Minimum	Recommendation	Notes/Exceptions
2 GB RAM on 32-bit OS 4 GB RAM on 64-Bit OS	4 GB RAM on 32-bit OS 8 GB RAM on 64-Bit OS	

Recommended Graphics Hardware

Minimum	Recommendation	Notes/Exceptions
Display adapter capable of 24-bit color	DirectX® 9.0 or higher, 256 MB or higher graphics card memory, or as recommended by Autodesk at:	For Navisworks 2013: Direct3D® 9 and OpenGL® capable graphics card with Shader Model 2 (minimum)

	www.autodesk.com/graphics-hardware	
--	--	--

Recommended Display Resolution

Minimum	Recommendation	Notes/Exceptions
1280 x 1024 with True Color	1600 x 1050 or higher, with True Color	<p>For Navisworks 2013: 1920 x 1080 32-bit color video display adapter with True Color recommended</p> <p>For AutoCAD 2013: 1024x768 with True Color (minimum)</p>

Recommended Hard Disk

Minimum	Recommendation	Notes/Exceptions
15 GB of free space	Same	

Other Requirements:

Browser

Minimum	Recommendation	Notes/Exceptions
Windows® Internet Explorer® 7.0 or higher	Same	

Pointing Device

Minimum	Recommendation	Notes/Exceptions
MS-Mouse Compliant	Same	

Media

Minimum	Recommendation	Notes/Exceptions
Installation from DVD media or a download file	Installation from USB 2.0 media	

Network

Minimum	Recommendation	Notes/Exceptions
Internet Connection for full User Assistance Documentation & Subscription Web Services	Same	

Autodesk® Infrastructure Design Suite

Premium 2013

BIM for Civil Infrastructure

For civil engineering, planning, and GIS professionals, Autodesk® Infrastructure Design Suite Premium 2013 enhances your ability to implement BIM for infrastructure, helping you design smarter and faster with intelligent model-based design tools, evaluate project performance with integrated analysis and simulation, and communicate with visualization throughout the project lifecycle.

The following software products are included in the Autodesk Infrastructure Design Suite – Premium edition:

- AutoCAD® 2013
- AutoCAD® Map 3D 2013
- AutoCAD® Raster Design 2013
- Autodesk® Storm and Sanitary Analysis 2013
- Autodesk® Infrastructure Modeler 2013
- AutoCAD® Civil 3D® 2013
- Autodesk® 3ds Max® Design 2013
- Autodesk® Navisworks® Simulate 2013

Supported Operating Systems

	32 bit	64 bit	Exceptions
Microsoft® Windows® 7 Home Premium, Professional, Ultimate, Enterprise	✓	✓	For AutoCAD Map 3D 2013: Windows 7 Home Premium is not a tested platform
Microsoft® Windows® XP Professional (SP3)	✓		For Autodesk Infrastructure Modeler 2013: No support for XP
Microsoft Windows XP Professional X64 (SP2)		✓	For Autodesk Infrastructure Modeler 2013: No support for XP

Supported CPU Type

Minimum	Recommendation	Exceptions
Microsoft Windows XP 1.6 GHz or Higher Intel® Pentium® 4 or AMD Athlon® Dual Core with SSE2 technology Microsoft Windows 7 3.0 GHz or Higher Intel Pentium 4 or AMD Athlon Dual Core with SSE2 technology	Single- or Multi-Core Intel Pentium, Xeon®, or i-Series processor or AMD® equivalent with SSE2 technology. Highest affordable CPU speed rating recommended. Check www.autodesk.com/systemrequirements for details on specific Infrastructure Design Suite included products, where more information may exist	For 3D Modeling in AutoCAD based products: Intel Pentium 4 processor or AMD Athlon, 3.0 GHz or greater or Intel or AMD Dual Core processor, 2.0 GHz or greater For 3ds Max Design 2013: Intel Pentium 4 1.4 GHz or equivalent AMD processor with SSE2 technology

Recommended Memory

Minimum	Recommendation	Notes/Exceptions
2 GB RAM on 32-bit OS 4 GB RAM on 64-Bit OS	4 GB RAM on 32-bit OS 8 GB RAM on 64-Bit OS	

Recommended Graphics Hardware

Minimum	Recommendation	Notes/Exceptions
Display adapter capable of 24-bit color	DirectX® 9.0 or higher, 256 MB or higher graphics card memory, or as recommended by Autodesk at: www.autodesk.com/graphics-	For 3ds Max Design 2013: Some features of 3ds Max Design are only enabled when used with graphics hardware that supports Shader Model 3.0 (Pixel Shader and Vertex Shader)

	hardware	3.0). For Navisworks 2013: Direct3D® 9 and OpenGL® capable graphics card with Shader Model 2 (minimum) For Infrastructure Modeler 2013: Minimum: DirectX® 10 capable graphics card with 512 MB or more video memory, supporting 2x (or higher) antialiasing.
--	--------------------------	--

Recommended Display Resolution

Minimum	Recommendation	Notes/Exceptions
1280 x 1024 with True \Color	1600 x 1050 or higher, with True Color	For Navisworks 2013: 1920 x 1080 32-bit color video display adapter with True Color recommended

Recommended Hard Disk

Minimum	Recommendation	Notes/Exceptions
30 GB of free space	Same	

Other Requirements:

Browser

Minimum	Recommendation	Notes/Exceptions
Windows® Internet Explorer® 7.0 or higher	Windows® Internet Explorer® 8.0 or higher	For 3ds Max Design 2013: Windows® Internet Explorer® 8.0 or higher, or Mozilla® Firefox® 3.0 or higher, at a minimum

Pointing Device

Minimum	Recommendation	Notes/Exceptions
MS-Mouse Compliant	Same	For 3ds Max Design 2013: Three-button mouse with mouse driver software

Media

Minimum	Recommendation	Notes/Exceptions
Installation from DVD media or a download file	Installation from USB 2.0 media	

Network

Minimum	Recommendation	Notes/Exceptions
Internet Connection for full User Assistance Documentation & Subscription Web Services	Same	

Autodesk® Infrastructure Design Suite

Ultimate 2013

Advanced Civil and Utility Design

For civil engineers, utility network designers, and construction managers who need a comprehensive software solution with specialized capabilities for utility network design, structural engineering, and construction coordination to help plan, design, build, and manage civil and utility infrastructure.

The following software products are included in the Autodesk Infrastructure Design Suite – Ultimate edition:

- AutoCAD® 2013
- AutoCAD® Map 3D 2013
- AutoCAD® Raster Design 2013
- Autodesk® Storm and Sanitary Analysis
- Autodesk® Infrastructure Modeler 2013
- AutoCAD® Civil 3D® 2013
- Autodesk® 3ds Max® Design 2013
- Autodesk® Revit® Structure 2013
- AutoCAD® Utility Design 2013
- Autodesk® Navisworks® Manage 2013

Supported Operating Systems

	32 bit	64 bit	Exceptions
Microsoft® Windows® 7 Home Premium, Professional, Ultimate, Enterprise	✓	✓	For AutoCAD Map 3D 2013: Windows 7 Home Premium is not a tested platform
Microsoft® Windows® XP Professional (SP3)	✓		For Autodesk Infrastructure Modeler 2013: No support for XP
Microsoft Windows XP Professional X64 (SP2)		✓	For Autodesk Infrastructure Modeler 2013: No support for XP

Supported CPU Type

Minimum	Recommendation	Exceptions
Microsoft Windows XP 1.6 GHz or Higher Intel® Pentium® 4 or AMD Athlon® Dual Core with SSE2 technology Microsoft Windows 7 3.0 GHz or Higher Intel Pentium 4 or AMD Athlon Dual Core with SSE2 technology	Single- or Multi-Core Intel Pentium, Xeon®, or i-Series processor or AMD® equivalent with SSE2 technology. Highest affordable CPU speed rating recommended. Check www.autodesk.com/systemrequirements for details on specific Infrastructure Design Suite included products, where more information may exist.	For 3D Modeling in AutoCAD 2013 based products: Intel Pentium 4 processor or AMD Athlon, 3.0 GHz or greater or Intel or AMD Dual Core processor, 2.0 GHz or greater For 3ds Max Design 2013: Intel Pentium 4 1.4 GHz or equivalent AMD processor with SSE2 technology

Recommended Memory

Minimum	Recommendation	Notes/Exceptions
2 GB RAM on 32-bit OS 4 GB RAM on 64-Bit OS	4 GB RAM on 32-bit OS 8 GB RAM on 64-Bit OS	For Autodesk Revit Structure 2013: 4 GB RAM on 32-bit OS; 8 GB RAM on 64-bit OS

Recommended Graphics Hardware

Minimum	Recommendation	Notes/Exceptions
Display adapter capable of 24-bit color	DirectX® 9.0 or higher, 256 MB or higher graphics card memory, or as recommended by Autodesk at:	For 3ds Max Design 2013: Some features of 3ds Max Design are only enabled when used with graphics hardware that supports Shader Model

	www.autodesk.com/graphics-hardware	3.0 (Pixel Shader and Vertex Shader 3.0). For Navisworks 2013: Direct3D® 9 and OpenGL® capable graphics card with Shader Model 2 (minimum) For Infrastructure Modeler 2013: Minimum: DirectX® 10 capable graphics card with 512 MB or more video memory, supporting 2x (or higher) antialiasing.
--	--	--

Recommended Display Resolution

Minimum	Recommendation	Notes/Exceptions
1280 x 1024 with True Color	1600 x 1050 or higher, with True Color	For Navisworks 2013: 1920 x 1080 32-bit color video display adapter with True Color recommended

Recommended Hard Disk

Minimum	Recommendation	Notes/Exceptions
40 GB of free space	Same	

Other Requirements:

Browser

Minimum	Recommendation	Notes/Exceptions
Windows® Internet Explorer® 7.0 or higher	Windows® Internet Explorer® 8.0 or higher	For 3ds Max Design 2013: Windows® Internet Explorer® 8.0 or higher, or Mozilla® Firefox® 3.0 or higher, at a minimum

Pointing Device

Minimum	Recommendation	Notes/Exceptions
MS-Mouse Compliant	Same	For 3ds Max Design 2013: Three-button mouse with mouse driver software

Media

Minimum	Recommendation	Notes/Exceptions
Installation from DVD media or a download file	Installation from USB 2.0 media	

Network

Minimum	Recommendation	Notes/Exceptions
Internet Connection for full User Assistance Documentation & Subscription Web Services	Same	

Autodesk, AutoCAD, Civil 3D, Navisworks, Revit, and 3ds Max are registered trademarks or trademarks of Autodesk, Inc., and/or its subsidiaries and/or affiliates in the USA and/or other countries. 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.