

There are separate system requirements for each of the three different editions of the Autodesk Building Design Suite. Please make sure that you are referencing the appropriate section of this document for the edition of the Autodesk Building Design Suite that you are using.

Autodesk® Building Design Suite Standard 2013

System Requirements

Typical Persona and Workflow

For **building designers, drafters, and detailers** who need a foundational set of tools to efficiently design, document, and share drawings in the DWG™ file format.

Supported Operating Systems

	32 bit	64 bit
Microsoft Windows 7 Home Premium, Professional, Ultimate/Enterprise ¹	✓	✓
Windows XP Professional (SP3 or higher)	✓	
Windows XP Professional X64 (SP2 or higher)		✓

Supported CPU Type

Baseline Recommendation	Exceptions
Microsoft® Windows® XP 1.6 GHz or Higher Intel® Pentium® 4 or AMD Athlon™ Dual Core with SSE3 technology Microsoft® Windows® 7 3.0 GHz or Higher Intel® Pentium® 4; AMD Athlon Dual Core with SSE3 technology or AMD Opteron™ with SSE3 technology	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

Recommended Memory

Baseline Recommendation	Exceptions
2 GB RAM (4 GB RAM Recommended)	AutoCAD® Structural Detailing 2013 3 GB RAM

Recommended Graphics Hardware

Baseline Recommendation	Exceptions
Basic Graphics Display adapter capable of 24-bit color Advanced Graphics 256 MB DirectX® 10 capable graphics card with Shader Model 3	Autodesk® Showcase 2013 or Autodesk® SketchBook Designer 2013 Certified hardware-accelerated graphics card with a minimum of 512MB graphics memory (1GB recommended) and DirectX® 9 support.

¹ For Autodesk® SketchBook Designer 2013, Microsoft® Windows® 7 Home Premium is not supported.

Recommended Display Resolution

Baseline Recommendation	Exceptions
1280x1024 with True Color	

Recommended Hard Disk

Baseline Recommendation	Exceptions
24 GB of Free Space	

Pointing Device

Baseline Recommendation	Exceptions
MS-Mouse Compliant	Autodesk® Showcase 2013 Three-Button Mouse Autodesk® SketchBook Designer 2013 Intuos 3 or higher tablet or Wacom Cintiq® active tablet highly recommended, using a tablet driver of 6.1.6-7 or higher. For Bamboo users, a tablet driver of 5.2.4-5 is recommended.

Browser

Baseline Recommendation	Exceptions
Microsoft® Internet Explorer® 8.0 or higher	

Media

Baseline Recommendation	Exceptions
USB 2.0	

Network

Baseline Recommendation	Exceptions
Internet Connection for full User Assistance Documentation & Subscription Web Services	

Other

Baseline Recommendation	Exceptions
Microsoft .NET Framework Version 2.0 (included in Install)	

Autodesk® Building Design Suite Premium 2013

System Requirements

Typical Persona and Workflow

For **architects and engineers** who need an optimized set of tools including the power of Building Information Modeling (BIM) with Autodesk® Revit® software products, the familiarity of AutoCAD software applications for efficient documentation, and Autodesk® 3ds Max® Design software for compelling visualizations.

Supported Operating Systems

	32 bit	64 bit
Microsoft Windows 7 Home Premium, Professional, Ultimate/Enterprise ²	✓	✓
Windows XP Professional (SP3 or higher)	✓	
Windows XP Professional X64 (SP2 or higher)		✓

Supported CPU Type

Baseline Recommendation	Exceptions
Single- or Multi-Core Intel® Pentium®, Xeon®, or i-Series processor or AMD® equivalent with SSE2 technology. Highest affordable CPU speed rating recommended.	

Recommended Memory

Baseline Recommendation	Exceptions
4GB RAM (8 GB Recommended on 64-Bit OS)	Autodesk® 3ds Max® Design 2013, Autodesk Navisworks® Simulate 2013, and AutoCAD-Based Products 2 GB RAM (4 GB Recommended)

Recommended Graphics Hardware

Baseline Recommendation	Exceptions
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	Autodesk® Showcase 2013 and Autodesk® SketchBook Designer 2013 Certified hardware-accelerated graphics card with a minimum of 512MB graphics memory (1GB recommended) and DirectX® 9. Autodesk Navisworks® Simulate 2013 DirectX® 9 and OpenGL® capable graphics card with Shader Model 2 (minimum)

² For Autodesk® SketchBook Designer 2013, Microsoft® Windows® 7 Home Premium is not supported.

Recommended Display Resolution

Baseline Recommendation	Exceptions
1280x1024 with True Color	

Recommended Hard Disk

Baseline Recommendation	Exceptions
30 GB of Free Space	

Pointing Device

Baseline Recommendation	Exceptions
MS-Mouse or 3Dconnexion® compliant device.	Autodesk® Showcase 2013 Three-Button Mouse Autodesk® SketchBook Designer 2013 Intuos 3 or higher tablet or Wacom Cintiq® active tablet highly recommended, using a tablet driver of 6.1.6-7 or higher. For Bamboo users, a tablet driver of 5.2.4-5 is recommended.

Browser

Baseline Recommendation	Exceptions
Microsoft® Internet Explorer® 8.0 or higher	

Media

Baseline Recommendation	Exceptions
USB 2.0	

Network

Baseline Recommendation	Exceptions
Internet Connection for full User Assistance Documentation & Subscription Web Services	

Other

Baseline Recommendation	Exceptions
Microsoft® .NET Framework Version 4.0 (Included in Install)	

Autodesk®
Building Design Suite
Ultimate 2013

System Requirements

Typical Persona and Workflow

For architecture, engineering, and construction professionals who need the power of BIM and an advanced set of comprehensive tools for design and construction.

Supported Operating Systems

	32 bit	64 bit
Microsoft Windows 7 Home Premium, Professional, Ultimate/Enterprise ³	✓	✓
Windows XP Professional (SP3 or higher) ⁴	✓	
Windows XP Professional X64 (SP2 or higher)		✓

Supported CPU Type

Baseline Recommendation	Exceptions
Single- or Multi-Core Intel® Pentium®, Xeon®, or i-Series processor or AMD® equivalent with SSE2 technology. Highest affordable CPU speed rating recommended.	Autodesk® Quantity Takeoff 2012 800 MHz Intel® Pentium® 4, 32-bit (x86) or 64-bit (x64) processor (or faster).

Recommended Memory

Baseline Recommendation	Exceptions
4GB RAM (8 GB Recommended on 64-Bit OS)	Autodesk® 3ds Max® Design 2013, Autodesk Navisworks® Manage 2013, and AutoCAD-Based Products 2 GB RAM (4 GB Recommended)

Recommended Graphics Hardware

Baseline Recommendation	Exceptions
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	Autodesk® Showcase 2013, Autodesk® SketchBook Designer 2013 Certified hardware-accelerated graphics card with a minimum of 512MB graphics memory (1GB recommended) and DirectX® 9. Autodesk Navisworks® Manage 2013 DirectX® 9 and OpenGL® capable graphics card with Shader Model 2 (minimum) Autodesk® Infrastructure Modeler 2013 DirectX® 10 capable graphics card with 512 MB video memory, supporting 2x Antialiasing (2x AA).

³ For Autodesk® SketchBook Designer 2013, Microsoft® Windows® 7 Home Premium is not supported.

⁴ For Autodesk® Infrastructure Modeler 2013, Microsoft® Windows® XP is not supported.

Recommended Display Resolution

Baseline Recommendation	Exceptions
1280x1024 with True Color	

Recommended Hard Disk

Baseline Recommendation	Exceptions
36 GB of Free Space	

Pointing Device

Baseline Recommendation	Exceptions
MS-Mouse or 3Dconnexion® compliant device.	Autodesk® Showcase 2013 Three-Button Mouse Autodesk® SketchBook Designer 2013 Intuos 3 or higher tablet or Wacom Cintiq® active tablet highly recommended, using a tablet driver of 6.1.6-7 or higher. For Bamboo users, a tablet driver of 5.2.4-5 is recommended.

Browser

Baseline Recommendation	Exceptions
Microsoft® Internet Explorer® 8.0 or higher	

Media

Baseline Recommendation	Exceptions
USB 2.0	

Network

Baseline Recommendation	Exceptions
Internet Connection for full User Assistance Documentation & Subscription Web Services	

Other

Baseline Recommendation	Exceptions
Microsoft® .NET Framework Version 4.0 (Included in Install)	Autodesk® Inventor® 2013 Adobe® Flash® 10 or Higher. Microsoft® Excel 2003 through 2010 for iFeatures, iParts, iAssemblies, thread customization, and spreadsheet-driven designs. Autodesk® Robot Structural Analysis 2013 For Robot™ Extension Spreadsheet Calculator additionally Microsoft® Office Excel® 2003 or later, 32-bit.