

# 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 <sup>1</sup>	✓	✓
Windows XP Professional (SP3 or higher) <sup>2</sup>	✓	
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.	<b>Autodesk® Quantity Takeoff 2012</b> 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)	<b>Autodesk® 3ds Max® Design 2013, Autodesk Navisworks® Manage 2013, and AutoCAD-Based Products</b> 2 GB RAM (4 GB Recommended)

### Recommended Graphics Hardware

Baseline Recommendation	Exceptions
<p><b>Basic Graphics</b> Display adapter capable of 24-bit color</p> <p><b>Advanced Graphics</b> 256 MB DirectX® 10 capable graphics card with Shader Model 3 as recommended by Autodesk at: <a href="http://www.autodesk.com/revitarchitecture-graphicscard">www.autodesk.com/revitarchitecture-graphicscard</a></p>	<p><b>Autodesk® Showcase 2013, Autodesk® SketchBook Designer 2013</b> Certified hardware-accelerated graphics card with a minimum of 512MB graphics memory (1GB recommended) and DirectX® 9.</p> <p><b>Autodesk Navisworks® Manage 2013</b> DirectX® 9 and OpenGL® capable graphics card with Shader Model 2 (minimum)</p> <p><b>Autodesk® Infrastructure Modeler 2013</b> DirectX® 10 capable graphics card with 512 MB video memory, supporting 2x Antialiasing (2x AA).</p>

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

<sup>2</sup> 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.	<b>Autodesk® Showcase 2013</b> Three-Button Mouse <b>Autodesk® SketchBook Designer 2013</b> 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® 7.0 or higher	<b>Autodesk® 3ds Max® 2013 and Autodesk® Infrastructure Modeler 2013</b> Microsoft® Internet Explorer® 8.0 internet browser 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)	<b>Autodesk® Inventor® 2013</b> Adobe® Flash® 10 or Higher. Microsoft® Excel 2003 through 2010 for iFeatures, iParts, iAssemblies, thread customization, and spreadsheet-driven designs. <b>Autodesk® Robot Structural Analysis 2013</b> For Robot™ Extension Spreadsheet Calculator additionally Microsoft® Office Excel® 2003 or later, 32-bit.