

## System Requirements

### Typical Persona and Workflow

**For planners and geospatial professionals** who need a familiar and productive AutoCAD-based environment to efficiently aggregate and analyze CAD and GIS data, as well as stay coordinated with other project stakeholders, in a single economical and convenient package.

### Supported Operating Systems

	32 bit	64 bit
Microsoft Windows 7 Professional, Ultimate, Enterprise	✓	✓
Windows Vista (SP2) Business, Ultimate, Enterprise	✓	✓
Windows XP Professional (SP3)	✓	
Windows XP Professional X64 (SP2)		✓

### Supported CPU Type

Baseline Recommendation	Exceptions
<b>Microsoft® Windows® XP</b> 1.6 GHz or Higher Intel® Pentium® 4 or AMD Athlon™ Dual Core with SSE2 technology  <b>Microsoft® Windows Vista® or Windows® 7</b> 3.0 GHz or Higher Intel® Pentium® 4 or AMD Athlon Dual Core with SSE2 technology	<b>For 3D Modeling in AutoCAD based products:</b> 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)	

## Recommended Graphics Hardware

Baseline Recommendation	Exceptions
<b>Basic Graphics</b> Display adapter capable of 24-bit color	
<b>Advanced Graphics</b> 256 MB DirectX® 10 capable graphics card with Shader Model 3 as recommended by Autodesk on <a href="#">the Certified Hardware page</a> on Autodesk.com.	

## Recommended Display Resolution

Baseline Recommendation	Exceptions
1280x1024 with True Color	

## Recommended Hard Disk

Baseline Recommendation	Exceptions
15 GB of Free Space	

## Pointing Device

Baseline Recommendation	Exceptions
MS-Mouse Compliant	

## Browser

Baseline Recommendation	Exceptions
Windows Internet Explorer 7.0 or higher	

## Media

Baseline Recommendation	Exceptions
USB 2.0	

## Network

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

## System Requirements

### Typical Persona and Workflow

For **civil engineers and designers** who need a powerful Building Information Modeling (BIM) solution for infrastructure that includes optimized design, documentation, and visualization capabilities in a single economical and convenient package.

### Supported Operating Systems

	32 bit	64 bit
Microsoft Windows 7 Professional, Ultimate, Enterprise	✓	✓
Windows Vista (SP2) Business, Ultimate, Enterprise	✓	✓
Windows XP Professional (SP3)	✓	
Windows XP Professional X64 (SP2)		✓

### Supported CPU Type

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<b>Microsoft® Windows® XP</b> 1.6 GHz or Higher Intel® Pentium® 4 or AMD Athlon™ Dual Core with SSE2 technology  <b>Microsoft® Windows Vista® or Windows® 7</b> 3.0 GHz or Higher Intel® Pentium® 4 or AMD Athlon Dual Core with SSE2 technology	<b>For 3D Modeling in AutoCAD based products:</b>  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® Civil 3D® and Autodesk® 3ds Max® Design 2012 on 64-Bit operating systems:  4 GB RAM (8 GB Recommended)

### Recommended Graphics Hardware

Baseline Recommendation	Exceptions
<b>Basic Graphics</b> Display adapter capable of 24-bit color <b>Advanced Graphics</b> 256 MB DirectX® 10 capable graphics card with Shader Model 3 as recommended by Autodesk on <a href="#">the Certified Hardware page</a> on Autodesk.com.	

### Recommended Display Resolution

Baseline Recommendation	Exceptions
1280x1024 with True Color	

### Recommended Hard Disk

Baseline Recommendation	Exceptions
20 GB of Free Space	

### Pointing Device

Baseline Recommendation	Exceptions
MS-Mouse Compliant	Autodesk® 3ds Max® Design 2012: Three-Button Mouse

### Browser

Baseline Recommendation	Exceptions
Windows Internet Explorer 7.0 or higher	

**Media**

Baseline Recommendation	Exceptions
USB 2.0	

**Network**

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

## System Requirements

### Typical Persona and Workflow

For **civil engineers, designers, and construction managers** who need a comprehensive infrastructure solution for planning, design, visualization, and construction simulation in a single economical and convenient package.

### Supported Operating Systems

	32 bit	64 bit
Microsoft Windows 7 Professional, Ultimate, Enterprise	✓	✓
Windows Vista (SP2) Business, Ultimate, Enterprise	✓	✓
Windows XP Professional (SP3)	✓	
Windows XP Professional X64 (SP2)		✓

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Baseline Recommendation	Exceptions
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