

AutoCAD 2010

Quick Start to Stand-Alone Installation > Preparing for Installation >

System Requirements

The first task you need to complete is to make sure that your computer meets the minimum system requirements. If your system does not meet these requirements, problems can occur, both within AutoCAD and at the operating system level.

Whether your Windows operating system is the 32-bit or the 64-bit version, the version is automatically detected during installation. The appropriate version of AutoCAD is installed. A 64-bit version of AutoCAD cannot be installed on a 32-bit system and vice-versa.

See the following table for hardware and software requirements.

32-bit Hardware and Software Requirements

Operating systems	Windows® XP Home and Professional Edition SP2 or later Microsoft® Windows Vista® SP1 or later including: <ul style="list-style-type: none"> • Windows Vista Enterprise • Windows Vista Business • Windows Vista Ultimate • Windows Vista Home Premium 	For more information on Windows Vista versions see http://www.microsoft.com/windowsvista/versions/
Browser	Internet Explorer® 7.0 or later	
CPU type	Windows XP - Intel® Pentium® 4 or AMD Athlon™ Dual	

	Core processor, 1.6 GHz or higher with SSE2 technology <i>Windows Vista -</i> Intel Pentium 4 or AMD Athlon Dual Core processor, 3.0 GHz or higher with SSE2 technology	
Memory	<i>Windows XP - 2</i> GB RAM <i>Windows Vista -</i> 2 GB RAM	
Display resolution	1024 x 768 with True Color	
Hard disk	Installation 1 GB	A 32-bit AutoCAD cannot be installed on a 64-bit Windows operating system and vice-versa.
Pointing device	MS-Mouse compliant	
3D Modeling Additional Requirements	<ul style="list-style-type: none"> • Intel Pentium 4 or AMD Athlon processor, 3.0 GHz or higher; <i>or</i> Intel or AMD Dual Core processor, 2.0 GHz or higher • 2 GB RAM or greater • 2 GB free hard disk space available not including installation • 1280 x 1024 	

32-bit color
video display
adapter
(True Color)
128 MB or
greater,
Direct3D®
capable
workstation
class
graphics
card

64-bit Hardware and Software Requirements

Operating systems	<p>Windows® XP Professional x64 Edition SP2 or later</p> <p>Microsoft® Windows Vista® SP1 or later including:</p> <ul style="list-style-type: none"> • Windows Vista Enterprise • Windows Vista Business • Windows Vista Ultimate • Windows Vista Home Premium 	<p>For more information on Windows Vista versions see http://www.microsoft.com/windowsvista/versions/</p>
Browser	<p>Internet Explorer 7.0 or later</p>	
CPU type	<p>AMD Athlon 64 with SSE2 technology AMD Opteron™</p>	

with SSE2
technology
Intel Xeon with
Intel EM64T
support and
SSE2 technology
Intel Pentium 4
with Intel EM64T
support and
SSE2 technology

Memory	<i>Windows XP</i> - 2 GB RAM <i>Windows Vista</i> - 2 GB RAM	
Display resolution	1024 x 768 with True Color	
Hard disk	Installation 1.5 GB	A 64-bit AutoCAD cannot be installed on a 32-bit Windows operating system and vice-versa.
Pointing device	MS-Mouse compliant	
3D Modeling Additional Requirements	<ul style="list-style-type: none"> • Intel Pentium 4 or AMD Athlon processor, 3.0 GHz or higher; <i>or</i> Intel or AMD Dual Core processor, 2.0 GHz or higher • 2 GB RAM or greater • 2 GB free hard disk space available not including installation • 1280 x 1024 32-bit color video display 	

adapter
 (True Color)
 128 MB or
 greater,
 Direct3D®
 capable
 workstation
 class
 graphics card

Additional Hardware and Software Recommendations - 3D use

Operating system	<p>32-Bit Windows XP Home and Professional SP2 or later Windows Vista Enterprise Windows Vista Business Windows Vista Ultimate Windows Vista Home Premium</p> <p>64-Bit Windows XP Professional x64 Edition SP2 or later Windows Vista Enterprise 64-bit Windows Vista Business 64-bit Windows Vista Ultimate 64-bit Windows Vista Home Premium 64-bit</p>	<ul style="list-style-type: none"> • It is recommended that non-English language versions of AutoCAD be installed on an operating system with a user interface language that matches the code page of AutoCAD language. A code page provides support for character sets used in different languages. • Whether the Windows operating system is 32-bit or 64-bit, the version is automatically detected when you install AutoCAD. The appropriate version of AutoCAD is installed. The 32-bit version of AutoCAD cannot be installed on a 64-bit version of Windows and vice-versa.
Processor	<p>Intel Pentium 4 processor or AMD Athlon, 2.2 GHz or greater or Intel or AMD Dual Core processor, 1.6 GHz or greater</p>	
RAM	2 GB (or greater)	
Graphics card	1280 x 1024 32-bit color video display adapter (True Color); 128 MB or greater	<ul style="list-style-type: none"> • For graphic cards that support Hardware Acceleration, DirectX 9.0c, or later, must be

Direct3D capable workstation class graphics card.

For Windows Vista, a Direct3D capable workstation class graphics card with 128 MB or greater is required; 1024 x 768 VGA with True Color (minimum)

installed.

- Installing from the *ACAD.msi* file does not install DirectX 9.0c, or later. Manual installation of DirectX is required, in this circumstance, for Hardware Acceleration to be configured.

For more information about tested and certified graphics cards, visit <http://autodesk.com/graphicscard/>

Hard disk

2 GB (in addition to the 1 GB or above required for installation)

Note Adobe Flash Player is not installed by default. If a version of Flash is not currently installed on your system, a message is displayed requesting that you download it from Adobe's website. If you do not have Internet access, you can also access the Flash installer on the AutoCAD disc.