



# AutoCAD 2018 System Requirements

## This applies to:

- Civil Engineering Technology
- Construction Engineering Technician
- Mechanical Engineering Technician
- Mining Engineering Technician

Here are a few tips on selecting your next AutoCAD system:

<https://knowledge.autodesk.com/support/autocad/troubleshooting/caas/sfdcarticles/sfdcarticles/System-requirements-for-AutoCAD-2017.html>

<b>Operating System</b>	<ul style="list-style-type: none"> <li>• Windows 10 (desktop OS)</li> <li>• Windows 8.1 with update <a href="https://support.microsoft.com/en-us/kb/2919355">KB2919355</a> (<a href="https://support.microsoft.com/en-us/kb/2919355">https://support.microsoft.com/en-us/kb/2919355</a>)</li> <li>• Windows 7 SP1</li> </ul>
<b>CPU Type</b>	1 gigahertz (GHz) or faster 32-bit (x86) or 64-bit processor
<b>Memory</b>	<p><b>For 32-Bit AutoCAD 2018:</b></p> <ul style="list-style-type: none"> <li>• 2 GB (3 GB recommended)</li> </ul> <p><b>For 64-Bit AutoCAD 2018:</b></p> <ul style="list-style-type: none"> <li>• 4 GB (8 GB recommended)</li> </ul>
<b>Display Resolution</b>	<ul style="list-style-type: none"> <li>• 1360X768 (1600X1050 or higher recommended) with True Color.</li> <li>• 125% Desktop Scaling (120 DPI) or less recommended.</li> </ul> <p><b>For AutoCAD 2018.1 Update:</b></p> <p><b>Conventional Displays:</b></p> <ul style="list-style-type: none"> <li>• 1360X768 (1920X1080 recommended) with True Color</li> </ul> <p><b>High Resolution &amp; 4K Displays:</b></p> <ul style="list-style-type: none"> <li>• Resolutions up to 3840X2160 supported on Windows 10, 64-bit systems (with capable display card)</li> </ul>
<b>Display Card</b>	<p>Windows display adapter capable of 1360x768 with True Color capabilities and DirectX® 9<sup>1</sup>. DirectX® 11<sup>1</sup> compliant card recommended.</p> <p><b>For AutoCAD 2018.1 Update:</b></p> <p>Windows display adapter capable of 1920X1080 with True Color capabilities and DirectX® 9<sup>1</sup>. DirectX® 11<sup>1</sup> compliant card recommended.</p> <p><b>High Resolution &amp; 4K Displays:</b></p> <p>Windows display adapter capable of resolutions up to 3840X2160 and manufacturer recommended for high resolution applications with True Color capabilities and DirectX® 9<sup>1</sup>. DirectX® 11<sup>1</sup> compliant card recommended.</p>
<b>Disk Space</b>	Installation 6.0 GB

<b>Pointing Device</b>	MS-Mouse compliant
<b>Digitizer</b>	WINTAB support
<b>Browser</b>	Window Internet Explorer® 9.0 (or later)
<b>.NET Framework</b>	.NET Framework Version 4.6
<b>ToolClips Media Player</b>	Adobe Flash Player v10 or up
<b>Network</b>	<p>Deployment via Deployment Wizard.</p> <p>The license server and all workstations that will run applications dependent on network licensing must run TCP/IP protocol.</p> <p>Either Microsoft® or Novell TCP/IP protocol stacks are acceptable. Primary login on workstations may be Netware or Windows.</p> <p>In addition to operating systems supported for the application, the license server will run on the Windows Server® 2012, Windows Server R2, Windows Server 2008, Windows 2008 R2 Server editions.</p> <p>Citrix® XenApp™ 7.6, Citrix® XenDesktop™ 7.6</p>
<b>Additional Requirements for Large Datasets, Point Clouds, and 3D Modeling</b>	
<b>Memory</b>	8GB RAM or greater
<b>Disk Space</b>	6 GB free hard disk available, not including installation requirements
<b>Display Card</b>	1600X1050 or greater True Color video display adapter; 128 MB VRAM or greater; Pixel Shader 3.0 or greater; Direct3D®-capable workstation class graphics card.

**Note:** 64-bit Operating Systems are recommended if you are working with Large Datasets, Point Clouds and 3D Modeling and required if you are using the Model Documentation feature of AutoCAD.