

| System requirements for AutoCAD 2019 including Specialized Toolsets | |
|--|---|
| Operating System | <ul style="list-style-type: none"> • Microsoft® Windows® 7 SP1 with Update KB4019990 (32-bit & 64-bit) • Microsoft Windows 8.1 with Update KB2919355 (32-bit & 64-bit) • Microsoft Windows 10 Anniversary Update (64-bit only) (version 1607 or higher) <p>See Autodesk's Product Support Lifecycle for support information.</p> |
| Processor | <p>Basic: 2.5–2.9 GHz processor</p> <p>Recommended: 3+ GHz processor</p> |
| Memory | <p>Basic: 8 GB</p> <p>Recommended: 16 GB</p> |
| Display Resolution | <p>Conventional Displays: 1920 x 1080 with True Color</p> <p>High Resolution & 4K Displays: Resolutions up to 3840 x 2160 supported on Windows 10, 64 bit systems (with capable display card)</p> |
| Display Card | <p>Basic: 1 GB GPU with 29 GB/s Bandwidth and DirectX 11 compliant</p> <p>Recommended: 4 GB GPU with 106 GB/s Bandwidth and DirectX 11 compliant</p> |
| Disk Space | 6.0 GB |
| Browser | Google Chrome™ (for AutoCAD Web) |
| Network | <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® 2016, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2008 R2 editions.</p> <p>Citrix® XenApp™ 7.6, Citrix® XenDesktop™ 7.6.</p> |
| Pointing Device | MS-Mouse compliant |
| .NET Framework | .NET Framework Version 4.7 |

| System requirements for AutoCAD for Mac 2019 | |
|---|---|
| Operating System | Apple® macOS® Big Sur v11 (requires Update 2019.2); Apple® macOS® Mojave v10.14 or later; High Sierra v10.13 or later; Apple macOS Sierra v10.12 or later |
| Model | Apple Mac Pro® 4,1 or later; MacBook Pro® 5,1 or later; iMac® 8.1 or later; Mac mini® 3.1 or later; MacBook Air® 2.1 or later; MacBook® 5.1 or later Apple Mac models with M series chip are not supported |

| System requirements for AutoCAD for Mac 2019 | |
|---|---|
| CPU Type | 64-bit Intel CPU (Intel Core Duo CPU, 2 GHz or faster recommended) |
| Memory | 3 GB of RAM (4 GB or above recommended) |
| Display Resolution | 1280 x 800 display with true color (2880 x 1800 with Retina Display recommended) |
| Disk Space | 3 GB free disk space for download and installation |
| Pointing Device | Apple® Mouse, Apple Magic Mouse, Magic Trackpad, MacBook® Pro trackpad, or Microsoft-compliant mouse. |
| Printer | Mac OS X-compliant printer |
| Media | Download and installation from DVD |
| Browser | Apple Safari® 5.0 or later |
| OS Language | All Mac OS X supported language operating systems |

| Additional Requirements for large datasets, point clouds, and 3D modeling | |
|--|--|
| Memory | 8 GB RAM or more |
| Disk Space | 6 GB free hard disk available, not including installation requirements |
| Display Card | 1920 x 1080 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 Model Documentation or Point Clouds.

Specialized Toolsets

| Toolset | Additional Requirements |
|------------------------------|---|
| AutoCAD Plant 3D | <ul style="list-style-type: none"> • Disk Space: 8GB • 64-Bit OS Only |
| AutoCAD Map 3D | <ul style="list-style-type: none"> • Disk Space: 16GB • Memory: 16GB • 64-Bit OS Only • Database & FDO Requirements (see below) |
| AutoCAD Architecture | Disk Space: 10GB |
| AutoCAD Electrical | Disk Space: 12GB |
| AutoCAD MEP | Disk Space: 12GB |
| AutoCAD Mechanical | No additional requirements |
| AutoCAD Raster Design | No additional requirements |

AutoCAD Map 3D Additional Requirements

| FDO Provider Requirements | | |
|-----------------------------|--|--|
| FDO Provider | Certified With | Notes |
| Microsoft SQL Server | Microsoft® SQL Server® 2008 R2 Standard and Enterprise Editions; Microsoft SQL Server 2012 Standard and Enterprise Editions; Microsoft SQL Server 2014 Standard and Enterprise Editions; Microsoft SQL Server 2016 Standard and Enterprise Editions | Industry Models also support the versions of Microsoft SQL Server listed on the left. |
| Oracle 11g Release 2 | Oracle 11.2.0.4.0 Oracle Express, Standard, and Enterprise Editions | Industry Models support the same Oracle versions as listed on the left. |
| Oracle 12c Release 1 | Oracle 12.1.0.2.0 Standard Edition and Enterprise Edition | Industry Models support the same Oracle versions as listed on the left. |
| Oracle 12c Release 2 | Oracle 12.2.0.1.0 Standard Edition and Enterprise Edition | Industry Models support the same Oracle versions as listed on the left. |
| Raster | DEM, JPG2K, DTED, MrSID®, ECW, PNG, ESRI® Grid, TIFF, JPEG, ESTRI, ASCII | Not supported on Linux |
| Autodesk SDF | 3.0 | |
| ESRI ArcSDE | ArcSDE® 9.3 SP1 ArcSDE 10.2 | This Provider requires ESRI licensed components to be installed on client system. Required components depend on the type of connection (SDE Service or Direct Connect) |
| ESRI ArcGIS | ARCGIS® 10.4 ARCGIS 10.3.1 ARCGIS 10.3 ARCGIS 10.2 | This Provider requires ESRI licensed components to be installed on client system. |
| MySQL | 5.7 | |
| ODBC | The FDO ODBC provider has been tested with corresponding versions of ODBC drivers that are shipped with the relevant supported operating systems version. | |
| OGC WMS | WMS 1.3.0 | |
| OGC WFS | WFS 2.0.0 | |
| SQLite | SQLite 3.6 | |
| PostgreSQL | PostgreSQL 9.5 + PostGIS 2.2 | |

| ODBC Drivers | Tested Versions |
|--|--|
| Microsoft® Access® Driver (*.mdb, *.accdb) | Microsoft Access database engine 2016 (English) 16.00.4513.1000 |

| ODBC Drivers | Tested Versions |
|---|--|
| Microsoft® Excel® Driver (*.xls, *xlsx, *.xlsm, *.xlsb) | Microsoft Access database engine 2016 (English) 16.00.4513.1000 |
| MySQL® ODBC 5.3 Driver | 5.03.07.00 |
| SQL Server® | 10.00.10240.16384 |
| Oracle® in OraClient12Home1 | 12.01.00.01 |