

System requirements for AutoCAD 2022 including Specialized Toolsets (Windows)	
<b>Operating System</b>	64-bit Microsoft® Windows® 10. See Autodesk's Product Support Lifecycle for support information.
<b>Processor</b>	<b>Basic:</b> 2.5–2.9 GHz processor <b>Recommended:</b> 3+ GHz processor
<b>Memory</b>	<b>Basic:</b> 8 GB <b>Recommended:</b> 16 GB
<b>Display Resolution</b>	<b>Conventional Displays:</b> 1920 x 1080 with True Color  <b>High Resolution &amp; 4K Displays:</b> Resolutions up to 3840 x 2160 supported on Windows 10 (with capable display card)
<b>Display Card</b>	<b>Basic:</b> 1 GB GPU with 29 GB/s Bandwidth and DirectX 11 compliant <b>Recommended:</b> 4 GB GPU with 106 GB/s Bandwidth and DirectX 12 compliant
<b>Disk Space</b>	10.0 GB
<b>Network</b>	See Autodesk Network License Manager for Windows
<b>Pointing Device</b>	MS-Mouse compliant
<b>.NET Framework</b>	.NET Framework version 4.8 or later

System requirements for AutoCAD 2022 for Mac	
<b>Operating System</b>	Apple® macOS® Big Sur v11 Apple macOS Catalina v10.15 Apple macOS Mojave v10.14
<b>Model</b>	<b>Basic:</b> Apple Mac Pro® 4.1, MacBook Pro 5.1, iMac® 8.1, Mac mini® 3.1, MacBook Air®, MacBook® 5.1  <b>Recommended:</b> Apple Mac® models supporting Metal Graphics Engine Apple Mac models with M series chip are supported under Rosetta 2 mode.
<b>CPU Type</b>	64-bit Intel CPU <b>Recommended:</b> Intel Core i7 or higher
<b>Memory</b>	<b>Basic:</b> 4GB <b>Recommended:</b> 8GB or higher
<b>Display Resolution</b>	<b>Basic:</b> 1280 x 800 display <b>High Resolution:</b> 2880 x 1800 with Retina Display
<b>Disk Space</b>	4 GB free disk space for download and installation
<b>Pointing Device</b>	Apple-compliant Mouse, Apple-compliant Trackpad, Microsoft-compliant mouse
<b>Display Card</b>	<b>Recommended:</b> Mac native installed graphics cards
<b>Disk Format</b>	APFS, APFS(Encrypted), Mac OS Extended (Journaled), Mac OS Extended (Journaled, Encrypted)

Additional Requirements for large datasets, point clouds, and 3D modeling	
<b>Memory</b>	8 GB RAM or more
<b>Disk Space</b>	6 GB free hard disk available, not including installation requirements

<b>Additional Requirements for large datasets, point clouds, and 3D modeling</b>	
<b>Display Card</b>	3840 x 2160 (4K) or greater True Color video display adapter; 4G VRAM or greater; Pixel Shader 3.0 or greater; DirectX-capable workstation class graphics card.

#### Specialized Toolsets (Windows Only)

<b>Toolset</b>	<b>Additional Requirements</b>
<b>AutoCAD Map 3D</b>	Disk Space: 20GB Memory: 16GB Database & FDO Requirements (see below)
<b>AutoCAD Electrical</b>	Disk Space: 20GB Microsoft Access Database Engine 2016 Redistributable (x64) (16.0.5044.1000) or later
<b>AutoCAD Architecture</b>	Disk Space: 20GB Memory: 16GB
<b>AutoCAD MEP</b>	Disk Space: 21GB Memory: 16GB
<b>AutoCAD Plant 3D</b>	Disk Space: 12GB
<b>AutoCAD Mechanical</b>	Disk Space: 12GB
<b>AutoCAD Raster Design</b>	Disk Space: 1GB

#### AutoCAD Map 3D Additional Requirements (Windows Only)

<b>FDO Provider Requirements</b>		
<b>FDO Provider</b>	<b>Certified With</b>	<b>Notes</b>
<b>Microsoft SQL Server</b>	Microsoft SQL Server 2016 Standard and Enterprise Editions Microsoft SQL Server 2017 Standard and Enterprise Editions Microsoft SQL Server 2019 Standard and Enterprise Editions	Industry Models also support the versions of Microsoft SQL Server listed on the left.
<b>Oracle 12c Release 2</b>	Oracle 12.2.0.1.0 Standard Edition and Enterprise Edition	Industry Models support the same Oracle versions as listed on the left.
<b>Oracle 18c</b>	Oracle 18.3 Enterprise Edition and Standard Edition 2	Industry Models support the same Oracle versions as listed on the left.
<b>Oracle 19c</b>	Oracle 19.3 Enterprise Edition and Standard Edition 2	Industry Models support the same Oracle versions as listed on the left.
<b>Raster</b>	DEM, JPG2K, DTED, MrSID®, ECW, PNG, ESRI® Grid, TIFF, JPEG, ESRI® ASCII	

<b>FDO Provider Requirements</b>		
<b>FDO Provider</b>	<b>Certified With</b>	<b>Notes</b>
<b>Autodesk SDF</b>	3.0	
<b>ESRI ArcGIS</b>	ArcGIS® 10.8.1 ArcGIS 10.7.1 ArcGIS 10.6.1	This Provider requires ESRI licensed components to be installed on client system.
<b>MySQL</b>	8.0	
<b>ODBC</b>	The FDO ODBC provider has been tested with corresponding versions of ODBC drivers that are shipped with the relevant supported operating systems version.	
<b>OGC WMS</b>	WMS 1.3.0	
<b>OGC WMTS</b>	WMS 1.0.0	
<b>OGC WFS</b>	WFS 2.0.0	
<b>SQLite</b>	SQLite 3.27.2	
<b>PostgreSQL</b>	PostgreSQL 12.2 + PostGIS 3.0	

<b>ODBC Drivers</b>	<b>Tested Versions</b>
Microsoft® Access® Driver (*.mdb, *.accdb)	Microsoft Access database engine 2016 (English) 16.00.4999.1000
Microsoft® Excel® Driver (*.xls, *.xlsx, *.xlsm, *.xlsb)	Microsoft Access database engine 2016 (English) 16.00.4999.1000
MySQL® ODBC 8.0 Driver	8.00.22.00
SQL Server®	10.00.18362.01
Oracle® in OraClient19Home1	19.00.00.00