System Requirements – CAD 2018-19

Note: For newer releases go to the Autodesk or SolidWorks web sites and search for System Requirements

System requirements for AutoCAD 2019	
Operating System	- 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)
Processor	**Basic:** 2.5–2.9 GHz processor **Recommended:** 3+ GHz processor
Memory	**Basic:** 8 GB **Recommended:** 16 GB
Display Resolution	**Conventional Displays:** 1920 x 1080 with True Color **High Resolution & 4K Displays:** Resolutions up to 3840 x 2160 supported on Windows 10, 64 bit systems (with capable display card)
Display Card	**Basic:** 1 GB GPU with 29 GB/s Bandwidth and DirectX 11 compliant **Recommended:** 4 GB GPU with 106 GB/s Bandwidth and DirectX 11 compliant
Disk Space	6.0 GB
Browser	Google Chrome™ (for AutoCAD Web)
Network	Deployment via Deployment Wizard. The license server and all workstations that will run applications dependent on network licensing must run TCP/IP protocol. Either Microsoft® or Novell TCP/IP protocol stacks are acceptable. Primary login on workstations may be Netware or Windows. 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. Citrix® XenApp™ 7.6, Citrix® XenDesktop™ 7.6.
Pointing Device	MS-Mouse compliant
.NET Framework	.NET Framework Version 4.7

(2018-19 School year – using SolidWorks 2017-18, then 2018-19 educational)

SOLIDWORKS Products for Windows

	SOLIDWORKS 2017 (EDU 2017-2018)	SOLIDWORKS 2018 (EDU 2018-2019)	SOLIDWORKS 2019 (EDU 2019-2020)
Operating Systems			
Windows 10, 64-bit	✔	✔	✔
Windows 8.1, 64-bit	✔	✔	✘
Windows 7 SP1, 64-bit	✔	✔	✔ (**End of life**: SW2020 SP5)
Virtual environments	Supported virtual environments		
Hardware			
Processor	3.3 GHz or higher		
RAM	16 GB or more PDM Contributor or Viewer: 8 GB or more PDM Web Client or Web Server: 8 GB or more ECC RAM recommended		
Graphics Card	Certified cards and drivers		
Drives	SSD drives recommended for optimal performance		
Disk Space	PDM Contributor or Viewer: 10 GB or more PDM Web Client or Web Server: 5 GB or more PDM Archive Server or Database Server: 50 GB or more SOLIDWORKS Manage: 10 GB or more		
Software			
Microsoft Excel and Word	2010, 2013, 2016	2010, 2013, 2016	2013, 2016
Browsers (PDM Web2 Client)	Microsoft Internet Explorer, Microsoft Edge, Google Chrome, Mozilla Firefox, Apple Safari		
Antivirus	Antivirus products		