

## Hardware & System Requirement for SOLIDWORKS

These requirements apply to all SOLIDWORKS products except where noted. Use this information to ensure you are always working with a SOLIDWORKS supported and optimized system for hardware, operating system and Microsoft products.

	SOLIDWORKS 2018	SOLIDWORKS 2019	SOLIDWORKS 2020
<b>Operating Systems</b>			
Windows 10, 64-bit	✓	✓	✓
Windows 8.1, 64-bit	✓	✗	✗
Windows 7 SP1, 64-bit	✓	✓	✓ <b>(End of Life: SW2020 SP5)</b>
Virtual environments	<u>Supported virtual environments (hypervisors)</u>		
<b>Hardware</b>			
Processor	3.3 GHz or higher		
RAM	For CAD: 16 GB or more For simulation 32 GB or Above PDM Contributor or Viewer: 8 GB or more		
Graphics Card	<u>Certified cards and drivers</u>		
Drives	SSD drives recommended for optimal performance		
<b>Software</b>			
Microsoft Excel and Word	2010, 2013, 2016	2013, 2016, 2019 (SW2019 SP2)	2013, 2016, 2019
Antivirus	<u>Antivirus products</u>		

For More detailed specification please check the below link:

<https://www.solidworks.com/sw/support/SystemRequirements.html>

For Graphic Card Compatibility, please check:

<http://www.solidworks.in/sw/support/videocardtesting.html>

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**Recommended Workstation Specifications:**

Processor: Intel Xeon Processor 3.3 GHZ, 6 Core or above

RAM: 16 GB or Above

Graphic Card: NVIDIA Quadro P 1000 4GB or Above (Graphic Card should be compatible to Workstation)

Hard Disk: 1 TB or Above as per the Requirement

Windows: Windows 10 Pro

**Recommended Workstation Models:**

<b><u>Brand</u></b>	<b><u>Model Number – Workstation (Desktop / Laptop)</u></b>
Hewlett-Packard (HP)	HP Z4 G4 or Above
Dell India	Dell Precision Tower series
Lenovo	P Series Think Station Above

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## Hardware & System Requirement for SOLIDWORKS Server Products

	SOLIDWORKS 2018	SOLIDWORKS 2019	SOLIDWORKS 2020
<b>Operating Systems</b>			
Windows Server 2019	✗	✓ (2019 SP3)	✓
Windows Server 2016	✓	✓	✓
Windows Server 2012 R2	✓	✓	✗
Windows Server 2012	✓	✗	✗
<b>SQL Server</b>			
SQL 2017	✓	✓	✓
SQL 2016	✓	✓	✓
SQL 2014	✓	✓	✓ SQL 2014 <u>SP3 required</u> <b>(End of Life: SW2021 SP5)</b>
SQL 2012	✓	✓	✗

## Microsoft Products (SOLIDWORKS 2018 - 2020)

Microsoft Products	Start of Life	End of Life <sup>1</sup>
Windows 10, 64-bit	2015 SP5	Active
Windows 8.1, 64-bit	2014 SP1	2018 SP5
Windows 7, 64-bit	2010 SP1	2020 SP5
Windows Server 2019	2019 SP3	Active
Windows Server 2016	2017 SP2	Active
Windows Server 2012 R2	2014 SP3	2019 SP5
Windows Server 2012	2014 SP0	2018 SP5
SQL Server 2017	2018 SP0	Active
SQL Server 2016	2017 SP0	Active
SQL Server 2014	2015 SP0	2021 SP5
SQL Server 2012	2013 SP2	2019 SP5
IE 11	2014 SP3	Active
Excel, Word 2019 (64-bit recommended)	2019 SP2	Active
Excel, Word 2016 (64-bit recommended)	2016 SP3	Active
Excel, Word 2013	2013 SP4	2020 SP5
Excel, Word 2010	2010 SP5	2018 SP5

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