



CAD Support
Release 2020 R2
Ansys Workbench Platform
Reader/Plug-Ins

CAD Package	Supported Versions	Reader / Plug-In	Operating System	VERSION NOTES:			
			Windows 10 (Professional, Enterprise & Education) Semi-Annual Channel and Long Term Service Channel releases are supported	Red Hat Enterprise 7 (7.4, 7.5, 7.6 & 7.7)	SUSE Linux Enterprise Server & Desktop 12 (SP3 & SP4)	CentOS 7 (Community Enterprise OS 7.4, 7.5, 7.6 & 7.7)	
ACIS	2020	Reader	✓	✓	✓	✓	
	2020	Reader	✓				
AutoCAD	2020	Plug-In	✓ ¹				1 Requires operating system's version 1803 or higher
	2019	Plug-In	✓ ²				2 Requires operating system's Anniversary Update version 1607 or higher
CATIA V4	4.2.4	Reader	✓				
CATIA V5	V5-6R2020	Reader	✓				
	V5-6R2019	Reader		✓	✓	✓	
CATIA V6	R2019x	Reader	✓				
CATIA V5 - (CADNexus CAPRI CAE Gateway V3.60.0)	V5-6R2017, V5-6R2018, V5-6R2019	Reader	✓				
Creo Elements / Direct Modeling	20.2	Plug-In	✓				
	20.1	Plug-In	✓				
Creo Parametric	6.0	Reader	✓				
	6.0	Plug-In	✓				
	5.0	Plug-In	✓				
	4.0	Plug-In	✓				
IGES	4.0, 5.2, 5.3	Reader	✓	✓	✓	✓	
Inventor	2020	Reader	✓				
	2021	Plug-In	✓				
	2020	Plug-In	✓ ³				3 Requires operating system's version 1803 or higher
JT	10.3	Reader	✓				
Monte Carlo N-Particle ⁴		Reader*	✓	✓	✓	✓	4 Support limited to DesignModeler

			Operating System				
			Windows 10 (Professional, Enterprise & Education) Semi-Annual Channel and Long Term Service Channel releases are supported	Red Hat Enterprise 7 (7.4, 7.5, 7.6 & 7.7)	SUSE Linux Enterprise Server & Desktop 12 (SP3 & SP4)	CentOS 7 (Community Enterprise OS 7.4, 7.5, 7.6 & 7.7)	
NX	1872	Reader	✓				5 Not supported with ANSYS Fluent
	1899	Plug-In	✓				
	1872	Plug-In	✓				
	12.0 ⁵	Plug-In	✓	✓	✓		
Parasolid	30.0	Reader	✓	✓	✓	✓	
Rhinoceros	v6.0	Reader	✓				
SketchUp	V2018	Reader	✓				
Solid Edge	2020	Reader	✓				
	2020	Plug-In	✓				
	2019	Plug-In	✓				
SOLIDWORKS	2020	Reader	✓				6 Validated by external third party
	2021 ⁶	Plug-In	✓				
	2020 ⁶	Plug-In	✓				
	2019	Plug-In	✓				
	2018	Plug-In	✓				
SpaceClaim ⁷	2020	Plug-In*	✓				7 Not supported for ICEM CFD
STEP	AP203, AP214	Reader	✓	✓	✓	✓	

Reader / Plug-In Footnotes:

* Excludes support using Workbench Readers for ICEM-CFD



CAD Support
 Release 2020 R2
 Ansys ICEM CFD
 Direct Interface Support

CAD Package	Supported Versions	Reader	Operating System	Operating System			VERSION NOTES:
				Windows 10 (Professional, Enterprise & Education) Semi-Annual Channel and Long Term Service Channel releases are supported	Red Hat Enterprise 7 (7.4, 7.5, 7.6 & 7.7)	SUSE Linux Enterprise Server & Desktop 12 (SP3 & SP4)	
ACIS	18.0.1	Reader		✓	✓	✓	
CATIA V4	4.2.4	Reader	✓	✓	✓	✓	
DWG		Reader	✓ ¹	✓	✓	✓	
GEMS		Reader	✓	✓	✓	✓	
IDI	MS 8/9	Reader	✓ ¹				
IGES	4.0, 5.2, 5.3	Reader	✓ ¹	✓	✓	✓	
Parasolid	30.0	Reader	✓ ¹	✓	✓	✓	
Plot3d		Reader	✓				
Rhinoceros		Reader	✓	✓	✓	✓	
STEP	AP203, AP214	Reader	✓ ¹	✓	✓	✓	
STL		Reader	✓ ¹	✓	✓	✓	

Product Footnotes:
 1 Requires supplemental install



CAD Support
 Release 2020 R2
 Optical (Ansys SPEOS for CAD Integration)

Operating System	
Windows 10	Red Hat Enterprise 7 (7.4, 7.5, 7.6 & 7.7) SuSE Linux Enterprise Server & Desktop 12 (SP3 & SP4) CentOS 7 (Community Enterprise OS 7.4, 7.5, 7.6 & 7.7)

ANSYS SPEOS for:	Supported Versions	Supported Service Packs:
Creo Parametric	6.0	up to 6.0.4.0
	5.0	up to 5.0.6.0
	4.0	up to M120
	3.0	up to M190
NX	1899	
	1888	
	1872	
	1847	
	12	NX 12.0.2.9 MP 10
	11	from NX 11.0.0.33 MP0 to NX 11.0.2.7 MP12



CAD Support
 Release 2020 R2
 Ansys Mechanical APDL
 Connections

CAD Package	Supported Versions	Connection	Operating System				VERSION NOTES:
			Windows 10 (Professional, Enterprise & Education) Semi-Annual Channel and Long Term Service Channel releases are supported	Red Hat Enterprise 7 (7.4, 7.5, 7.6 & 7.7)	SUSE Linux Enterprise Server & Desktop 12 (SP3 & SP4)	CentOS 7 (Community Enterprise OS 7.4, 7.5, 7.6 & 7.7)	
ACIS	2020	Connection	✓	✓	✓	✓	
CATIA V4	4.2.4	Connection	✓	✓	✓	✓	
CATIA V5	V5-6R2020	Connection	✓				
Creo Parametric	4.0	Connection	✓				
	5.0	Connection	✓				
	6.0	Connection	✓				
IGES	4.0, 5.2, 5.3	Connection	✓	✓	✓	✓	
NX	12.0	Connection	✓	✓	✓		
	1872	Connection	✓				
	1899	Connection	✓				
Parasolid	30.0	Connection	✓	✓	✓	✓	