



CAD Support
 Release 2019 R2
 ANSYS Workbench Platform
 Reader/Plug-Ins

CAD Package	Supported Versions	Reader / Plug-In	Operating System						VERSION NOTES:
			Windows 7	Windows 10 (Professional, Enterprise & Education) Semi-Annual Channel and Long Term Service Channel releases are supported	Red Hat Enterprise 6 (6.9 & 6.10)	Red Hat Enterprise 7 (7.3, 7.4, 7.5 & 7.6)	SuSE Linux Enterprise Server & Desktop 12 (SP2 & SP3)	CentOS 7 (Community Enterprise OS 7.3, 7.4, 7.5 & 7.6)	
ACIS	2019	Reader*	✓	✓	✓	✓	✓	✓	
ANSYS BladeGen ^{1,2}	13, 14, 14.5	Reader							
AutoCAD	2019	Reader*	✓	✓					
	2019	Plug-In*	✓ ⁵	✓ ⁶					5 Requires operating system's SP1 Update KB4019990 6 Requires operating system's Anniversary Update version 1607 or higher
	2018	Plug-In*	✓	✓					
CATIA V4	4.2.4	Reader*	✓	✓					
CATIA V5	V5-6R2019	Reader*	✓	✓					
CATIA V5	V5-6R2018	Reader*			✓	✓	✓	✓	
CATIA V6	R2018x	Reader*	✓	✓					
CATIA V5 - (CADNexus CAPRI CAE Gateway V3.40.0)	V5-6R2016, V5-6R2017, V5-6R2018	Reader*	✓	✓ ⁷					7 Requires V5-6R2016 or later.
Creo Elements / Direct Modeling	20.1	Plug-In*	✓ ⁸	✓					8 Requires operating system's SP1
	20.0	Plug-In*	✓ ⁸	✓					8 Requires operating system's SP1
Creo Parametric	5.0	Reader*	✓	✓					
	5.0	Plug-In*	✓	✓					
	4.0	Plug-In*	✓	✓					
	3.0	Plug-In*	✓	✓ ⁹					9 Requires Creo Parametric 3.0 M060 or later
IGES	4.0, 5.2, 5.3	Reader*	✓	✓	✓	✓	✓	✓	
Inventor	2019	Reader*	✓	✓					
	2019	Plug-In*	✓ ⁵	✓ ⁶					5 Requires operating system's SP1 Update KB4019990 6 Requires operating system's Anniversary Update version 1607 or higher
	2018	Plug-In*	✓	✓					
JT	10.3	Reader*	✓	✓					
Monte Carlo N-Particle ⁴		Reader	✓	✓	✓	✓	✓	✓	

			Operating System						
			Windows 7	Windows 10 (Professional, Enterprise & Education) Semi-Annual Channel and Long Term Service Channel releases are supported	Red Hat Enterprise 6 (6.9 & 6.10)	Red Hat Enterprise 7 (7.3, 7.4, 7.5 & 7.6)	SUSE Linux Enterprise Server & Desktop 12 (SP2 & SP3)	CentOS 7 (Community Enterprise OS 7.3, 7.4, 7.5 & 7.6)	
NX	12.0	Reader*	✓	✓					10 Not supported with ANSYS Fluent
	1847	Plug-In*		✓					
	12.0 ¹⁰	Plug-In*		✓		✓	✓		
	11.0	Plug-In*	✓	✓		✓	✓		
Parasolid	30.0	Reader*	✓	✓	✓	✓	✓	✓	
Rhinoceros	v6.0	Reader*	✓	✓					
SketchUp	V2018	Reader*	✓	✓					
Solid Edge	2019	Reader*	✓	✓					
	2019	Plug-In*		✓					
	ST10	Plug-In*	✓	✓					
SOLIDWORKS	2019	Reader*	✓	✓					
	2019	Plug-In*	✓	✓					
	2018	Plug-In*	✓	✓					
SpaceClaim ¹	2018	Plug-In	✓	✓					
STEP	AP203, AP214	Reader*	✓	✓	✓	✓	✓	✓	

Package Footnotes:

- 1 Not supported for ICEM CFD
- 2 BladeGen, BladeEditor, and DesignModeler are bundled together as part of the ANSYS BladeModeler product.
- 3 Support discontinued after ANSYS 19.2
- 4 Support limited to DesignModeler

Reader / Plug-In Footnotes:

- * Includes support using Workbench Readers for ICEM-CFD



CAD Support
 Release 2019 R2
 ANSYS ICEM CFD
 Direct Interface Support

CAD Package	Supported Versions	Reader	Operating System				VERSION NOTES:		
			Windows 7	Windows 10 (Professional, Enterprise & Education) Semi-Annual Channel and Long Term Service Channel releases are supported	Red Hat Enterprise 6 (6.9 & 6.10)	Red Hat Enterprise 7 (7.3, 7.4, 7.5 & 7.6)		SuSE Linux Enterprise Server & Desktop 12 (SP2 & SP3)	CentOS 7 (Community Enterprise OS 7.3, 7.4, 7.5 & 7.6)
ACIS	18.0.1	Reader	✓ ¹			✓	✓	✓	
CATIA V4	4.2.4	Reader	✓	✓		✓	✓	✓	
DWG		Reader	✓ ¹	✓ ¹		✓	✓	✓	
GEMS		Reader	✓	✓		✓	✓	✓	
IDI	MS 8/9	Reader	✓ ¹	✓ ¹					
IGES	4.0, 5.2, 5.3	Reader	✓ ¹	✓ ¹	✓	✓	✓	✓	
Parasolid	30.0	Reader	✓ ¹	✓ ¹	✓	✓	✓	✓	
Plot3d		Reader	✓	✓					
Rhinoceros		Reader	✓	✓	✓	✓	✓	✓	
STEP	AP203, AP214	Reader	✓ ¹	✓ ¹	✓	✓	✓	✓	
STL		Reader	✓ ¹	✓ ¹	✓	✓	✓	✓	

Product Footnotes:
 1 Requires supplemental install



CAD Support

Release 2019 R2

Optical (ANSYS SPEOS for CAD Integration)

ANSYS SPEOS for:		Supported Versions	Operating System		Supported Service Packs:			
			Windows 7	Windows 10	Red Hat Enterprise 6 (6.9 & 6.10)	Red Hat Enterprise 7 (7.3, 7.4, 7.5 & 7.6)	SuSE Linux Enterprise Server & Desktop 12 (SP2 & SP3)	CentOS 7 (Community Enterprise OS 7.3, 7.4, 7.5 & 7.6)
CATIA V5	V5-6R2019			✓				up to SP1.0
	V5-6R2018		✓	✓				up to SP3.0
	V5-6R2017		✓	✓				up to SP6.0
	V5-6R2016		✓	✓				up to SP6.0
	V5-6R2015		✓					up to SP6
	V5-6R2014		✓					up to SP7
	V5-6R2013		✓					up to SP6
	V5-6R2012		✓					up to SP6
	V5R21		✓					up to SP6
	V5R20		✓					up to SP7
Creo Parametric	4.0		✓	✓				up to M080
	3.0		✓	✓				up to M190
	2.0		✓	✓				up to M250
NX	12		✓	✓				from NX 12.0.0.27 MP3 and from NX 12.0.2.9 MP5
	11		✓	✓				from NX 11.0.0.33 MP0 to NX 11.0.2.7 MP12
	10		✓	✓				from NX 10.0.0.24 to NX 10.0.3.MP19
	9		✓					from NX 9.0.2.5 to NX 9.0.3.4 MP15
	8.5		✓					from NX 8.5.3.3 MP3 to NX 8.5.3.3 MP11
	8		✓					from NX 8.0.3.4 MP8 to NX 8.0.3 MP13



CAD Support
 Release 2019 R2
 ANSYS Mechanical APDL
 Connections

CAD Package	Supported Versions	Connection	Operating System						VERSION NOTES:
			Windows 7	Windows 10 (Professional, Enterprise & Education) Semi-Annual Channel and Long Term Service Channel releases are supported	Red Hat Enterprise 6 (6.9 & 6.10)	Red Hat Enterprise 7 (7.3, 7.4, 7.5 & 7.6)	SuSE Linux Enterprise Server & Desktop 12 (SP2 & SP3)	CentOS 7 (Community Enterprise OS 7.3, 7.4, 7.5 & 7.6)	
ACIS	2019	Connection	✓	✓	✓	✓	✓	✓	
CATIA V4	4.2.4	Connection	✓	✓	✓	✓	✓	✓	
CATIA V5	V5-6R2019	Connection	✓	✓					
Creo Parametric	3.0	Connection	✓	✓ ¹					1 Requires Creo Parametric 3.0 M060 or later
	4.0	Connection	✓	✓					
	5.0	Connection	✓	✓					
IGES	4.0, 5.2, 5.3	Connection	✓	✓	✓	✓	✓	✓	
NX	11.0	Connection	✓	✓		✓	✓		
	12.0	Connection		✓		✓	✓		
	1847	Connection		✓					
Parasolid	30.0	Connection	✓	✓	✓	✓	✓	✓	