



**CAD Support**  
**Release 2022 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	Windows 11 (Professional, Enterprise & Education) Semi-Annual Channel and Long Term Service Channel releases are supported	Red Hat Enterprise 7 (7.7, 7.8 & 7.9)	Red Hat Enterprise 8 (8.1, 8.2, 8.3, 8.4 & 8.5)	SUSE Linux Enterprise Server & Desktop 12 (SP4 & SP5)	SUSE Linux Enterprise Server & Desktop 15 (SP1, SP2 & SP3)	CentOS 7 (Community Enterprise OS 7.7, 7.8 & 7.9)	CentOS 8 (Community Enterprise OS 8.1, 8.2 & 8.3)	Ubuntu 20.04		
ACIS	2022	Reader	✓		✓	✓	✓	✓	✓	✓	✓	✓	
AutoCAD	2022	Reader	✓										
	2022	Plug-In	✓	✓									
	2021	Plug-In	✓	✓									
CATIA V4	4.2.4	Reader	✓										
CATIA V5	V5-6R2022	Reader	✓		✓	✓	✓	✓	✓	✓	✓	✓	
CATIA V6	2022x	Reader	✓	✓									
CATIA V5 - (CADNexus CAPRI CAE Gateway V3.80.0)	V5-6R2019, V5-6R2020, V5-6R2021	Reader <sup>1</sup>	✓										1 Provides a bidirectional integration requiring a CatiaV5 installation.
Creo Elements / Direct Modeling	20.4	Plug-In	✓										
	20.3	Plug-In	✓										
	8.0	Reader	✓										
Creo Parametric	8.0	Plug-In	✓	✓ <sup>2</sup>									2 version 8.0.3.0; requires Windows 11 version 21H2 or higher
	7.0	Plug-In	✓	✓ <sup>3</sup>									3 version 7.0.7.0; requires Windows 11 version 21H2 or higher
	6.0	Plug-In	✓										
Fusion 360	2.0.9930 onward	Plug-In	✓	✓									
IGES	4.0, 5.2, 5.3	Reader	✓		✓	✓	✓	✓	✓	✓	✓	✓	
Inventor	2022	Reader	✓										
	2022	Plug-In	✓										
	2021	Plug-In	✓										
JT	10.5	Reader	✓										
Monte Carlo N-Particle <sup>4</sup>		Reader*	✓		✓	✓	✓	✓	✓	✓	✓	✓	4 Support limited to DesignModeler

			Operating System	Windows 10 (Professional, Enterprise & Education) Semi-Annual Channel and Long Term Service Channel releases are supported	Windows 11 (Professional, Enterprise & Education) Semi-Annual Channel and Long Term Service Channel releases are supported	Red Hat Enterprise 7 (7.7, 7.8 & 7.9)	Red Hat Enterprise 8 (8.1, 8.2, 8.3, 8.4 & 8.5)	SUSE Linux Enterprise Server & Desktop 12 (SP4 & SP5)	SUSE Linux Enterprise Server & Desktop 15 (SP1, SP2 & SP3)	CentOS 7 (Community Enterprise OS 7.7, 7.8 & 7.9)	CentOS 8 (Community Enterprise OS 8.1, 8.2 & 8.3)	Ubuntu 20.04	
NX	1980	Reader	✓										
	2007	Plug-In	✓ <sup>5</sup>						✓				5 Support limited to Professional & Enterprise versions
	1980	Plug-In	✓ <sup>5</sup>						✓				5 Support limited to Professional & Enterprise versions
	1953	Plug-In	✓ <sup>5</sup>										5 Support limited to Professional & Enterprise versions
Parasolid	33.0	Reader	✓		✓	✓	✓	✓	✓	✓	✓		
Revit	2022	Reader	✓									✓	
Rhinoceros	7	Reader	✓										
SketchUp	V2020	Reader	✓										
Solid Edge	2022	Reader	✓										
	2022	Plug-In	✓	✓ <sup>6</sup>									6 Requires 2022 Maintenance Pack
	2021	Plug-In	✓										
SOLIDWORKS	2022	Reader	✓										
	2022 <sup>7</sup>	Plug-In	✓										7 Validated by external third party
	2021 <sup>7</sup>	Plug-In	✓										
	2020 <sup>7</sup>	Plug-In	✓										
SpaceClaim <sup>8</sup>	2019 <sup>7</sup>	Plug-In	✓										
	2020	Plug-In*	✓										8 Not supported for ICEM-CFD
STEP	AP203, AP214, AP242	Reader	✓		✓	✓	✓	✓	✓	✓	✓	✓	

**Reader / Plug-In Footnotes:**

\* Excludes support using Workbench Readers for ICEM-CFD



**CAD Support**  
 Release 2022 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	Windows 11 (Professional, Enterprise & Education) Semi-Annual Channel and Long Term Service Channel releases are supported	Red Hat Enterprise 7 (7.7, 7.8 & 7.9)	Red Hat Enterprise 8 (8.1, 8.2, 8.3, 8.4 & 8.5)	SUSE Linux Enterprise Server & Desktop 12 (SP4 & SP5)	SUSE Linux Enterprise Server & Desktop 15 (SP1, SP2 & SP3)	CentOS 7 (Community Enterprise OS 7.7, 7.8 & 7.9)	CentOS 8 (Community Enterprise OS 8.1, 8.2 & 8.3)	Ubuntu 20.04	
ACIS	2020	Reader			✓	✓	✓	✓	✓	✓		
CATIA V4	4.2.4	Reader	✓		✓	✓	✓	✓	✓	✓		
DWG		Reader	✓ <sup>1</sup>		✓	✓	✓	✓	✓	✓		
GEMS		Reader	✓		✓	✓	✓	✓	✓	✓		
IDI	MS 8/9	Reader	✓ <sup>1</sup>					✓				
IGES	4.0, 5.2, 5.3	Reader	✓ <sup>1</sup>		✓	✓	✓	✓	✓	✓		
Parasolid	33.0	Reader	✓ <sup>1</sup>		✓	✓	✓	✓	✓	✓		
Plot3d		Reader	✓					✓				
Rhinoceros		Reader	✓		✓	✓	✓	✓	✓	✓		
STEP	AP203, AP214, AP242	Reader	✓ <sup>1</sup>		✓	✓	✓	✓	✓	✓		
STL		Reader	✓ <sup>1</sup>		✓	✓	✓	✓	✓	✓		

**Product Footnotes:**  
 1 Requires supplemental install



## CAD Support

Release 2022 R2

Optical (Speos for CAD Integration)

Ansys Speos for:		Operating System	Supported Service Packs:
	Supported Versions		
Creo Parametric <sup>1</sup>	9.0 <sup>7</sup>	Windows 10	
	8.0	Windows 11	From service pack 8.0.3.0 to 8.0.4.0 supported
	7.0		Up to service pack 7.0.7.0 supported
	6.0		Up to 6.0.6.0 as service pack supported
NX <sup>2</sup>	2212 <sup>6</sup>		
	2206 <sup>3</sup>		
	2007		Up to service pack NX 2007 Build 2015 supported
	1980 <sup>5</sup>		Up to service pack NX 2000 Build 3400 supported
	1953 <sup>4</sup>		Up to service pack NX 1973 Build 4320 supported

### Package and Version Footnotes:

1 Support available only on R2 releases beginning with Ansys 2023 R2

2 Compatible with monthly NX service packs as available at the time of the release

3 Ansys 2022 R2 Beta Support

4 Unsupported as of Ansys 2023 R1

5 Unsupported as of Ansys 2023 R2

6 Ansys 2023 R1 Beta Support

7 Supported as of Ansys 2023 R2

