



CAD Support

Release 2025 R1

Ansys Workbench Platform

Reader/Plug-Ins

			Operating System							VERSION NOTES:
CAD Package	Supported Versions	Reader / Plug-In	Windows 10 (Professional, Enterprise & Education) General Availability Channel releases are supported	Windows 11 (Professional, Enterprise & Education) General Availability Channel releases are supported	Red Hat Enterprise 8 (8.6, 8.8 & 8.10)	Red Hat Enterprise 9 (9.4)	SuSE Linux Enterprise Server & Desktop 15 (SP3, SP4 & SP5)	Ubuntu LTS 20.04 & 22.04 (Desktop & Server)	Rocky Linux (8.10 & 9.4)	
ACIS	2023	Reader	✓	✓	✓	✓	✓	✓	✓	
AutoCAD	2019	Reader	✓	✓						
	2025	Plug-In	✓	✓						
	2024	Plug-In	✓	✓						
CATIA V4	4.2.5	Reader	✓	✓						
CATIA V5	V5-6R2024	Reader	✓	✓	✓	✓	✓	✓	✓	
CATIA V6	2024x	Reader	✓	✓						
CATIA V5 - (CADNexus CAPRI CAE Gateway-V4.10.0)	V5-6R2022, V5-6R2023, V5-6R2024	Reader ¹	✓	✓						
Creo Elements / Direct Modeling	20.7	Plug-In	✓	✓						
	20.6	Plug-In	✓	✓						
Creo Parametric	11.0	Reader	✓	✓						2 Requires Windows 11 version 21H2 or higher 2 Requires Windows 11 version 21H2 or higher 2 Requires Windows 11 version 21H2 or higher 3 Minimum supported version 7.0.4.0 4 Minimum supported version 7.0.8.0; requires Windows 11 version 21H2 or higher
	11.0	Plug-In	✓	✓ ²						
	10.0	Plug-in	✓	✓ ²						
	9.0	Plug-In	✓	✓ ²						
	7.0	Plug-In	✓ ³	✓ ⁴						
Fusion	2.0.15995 onward	Plug-In	✓	✓						

			Operating System							
CAD Package	Supported Versions	Reader / Plug-In	Windows 10 (Professional, Enterprise & Education) General Availability Channel releases are supported	Windows 11 (Professional, Enterprise & Education) General Availability Channel releases are supported	Red Hat Enterprise 8 (8.6, 8.8 & 8.10)	Red Hat Enterprise 9 (9.4)	SUSE Linux Enterprise Server & Desktop 15 (SP3, SP4 & SP5)	Ubuntu LTS 20.04 & 22.04 (Dektop & Server)	Rocky Linux (8.10 & 9.4)	VERSION NOTES:
IGES	5.3	Reader	✓	✓	✓	✓	✓	✓	✓	
Inventor	2025	Reader	✓	✓						
	2025	Plug-In	✓	✓						
	2024	Plug-In	✓	✓						
JT	10.9	Reader	✓	✓						
Monte Carlo N-Particle ⁵		Reader*	✓		✓	✓	✓	✓	✓	5 Support limited to DesignModeler
NX	2406	Reader	✓	✓						6 Support limited to Professional & Enterprise versions 7 Support limitd to Rocky 8.10 6 Support limited to Professional & Enterprise versions 6 Support limited to Professional & Enterprise versions
	2406	Plug-In	✓ ⁶	✓ ⁶	✓				✓ ⁷	
	2312	Plug-In	✓ ⁶	✓ ⁶	✓		✓			
	2306	Plug-In	✓ ⁶	✓ ⁶			✓			
Parasolid	36.1	Reader	✓	✓	✓	✓	✓	✓	✓	
Revit ⁸	2024	Plug-In	✓	✓						8 Ansys 2025 R1 Beta Support
Rhinoceros	8	Reader	✓	✓						
Solid Edge	2024	Reader	✓	✓						9 Supported post-release
	2025 ⁹	Plug-In	✓	✓						
	2024	Plug-In	✓	✓						
	2023	Plug-In	✓	✓						
	2024	Reader	✓	✓						
SOLIDWORKS	2024 ¹⁰	Plug-In	✓	✓						10 Validated by external third party
	2023 ¹⁰	Plug-In	✓	✓						
	2022 ¹⁰	Plug-In	✓							
	2021 ¹⁰	Plug-In	✓							
	2020 ¹⁰	Plug-In	✓							
STEP	AP242	Reader	✓	✓	✓	✓	✓	✓	✓	
Reader / Plug-In Footnotes: * Excludes support using Workbench Readers for ICEM-CFD										



CAD Support
Release 2025 R1
Ansys ICEM CFD
Direct Interface Support



CAD Support

Release 2025 R1

Ansys ICEM CFD

Direct Interface Support

CAD Package		Supported Versions	Reader	Operating System							VERSION NOTES:			
ACIS		2020	Reader	Windows 10 (Professional, Enterprise & Education) General Availability Channel releases are supported	Windows 11 (Professional, Enterprise & Education) General Availability Channel releases are supported	Red Hat Enterprise 8 (8.6, 8.8 & 8.10)	Red Hat Enterprise 9 (9.4)	SUSE Linux Enterprise Server & Desktop 15 (SP3, SP4 & SP5)	Ubuntu LTS 20.04 & 22.04 (Desktop & Server)	Rocky Linux (8.10 & 9.4)				
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		36.1	Reader	✓ ¹		✓		✓						
Plot3d			Reader	✓				✓						
Rhinoceros			Reader	✓		✓		✓						
STEP		AP203, AP214, AP242	Reader	✓ ¹		✓		✓						
STL			Reader	✓ ¹		✓		✓						

Product Footnotes:
1 Requires supplemental install



CAD Support

Release 2025 R1

Optical

- Speos for CAD Integration
- Zemax OpticStudio

														
CAD Support Release 2025 R1 Optical - Speos for CAD Integration - Zemax OpticStudio			Operating System											
					Windows 10		Windows 11							
									Red Hat Enterprise 8 (8.6, 8.8 & 8.10)					
									Red Hat Enterprise 9 (9.4)					
									SuSE Linux Enterprise Server & Desktop 15 (SP3, SP4 & SP5)					
									Ubuntu LTS 20.04 & 22.04 (Desktop & Server)					
									Rocky Linux (8.10 & 9.4)					
Ansys Speos for:			Supported Versions											
Creo Parametric ¹			10.0	supported from 10.0.0.0 to 10.0.3.0	✓		✓							
			9.0	supported from 9.0.1.0 to 9.0.7.0	✓		✓							
			8.0	supported from 8.0.3.0 to 8.0.10.0	✓		✓							
			7.0	supported up to SP 7.0.12.0	✓		✓							
NX ²			2412	³	✓		✓							
			2406	supported up to SP NX2406.4000	✓		✓							
			2312	supported up to SP NX2312.8500	✓		✓							
			2306	supported up to SP NX2306.9120	✓		✓							
			2212	supported up to SP NX2212.9140	✓		✓							
Package and Version Footnotes:														
1 Support available only on R2 releases														
2 Compatible with monthly NX service packs as available at the time of the release														
3 2025 R1 limited support														

Zemax OpticStudio for:	Supported Versions	Reader / Plug-In							
ACIS	2023	Reader	✓	✓					
AutoCAD	2024	Reader	✓	✓					
CATIA v4	4.2.5	Reader	✓	✓					
CATIA V5	2024	Reader	✓	✓					
CATIA V5 - (CADNexus CAPRI CAE Gateway V3.90.0)	2022	Reader	✓	✓					
CATIA V6	2019	Reader	✓	✓					
COLLADA	All	Reader	✓	✓					

			Operating System		Red Hat Enterprise 8 (8.5, 8.6, 8.7 & 8.8 & 8.9)	Red Hat Enterprise 9 (9.3 & 9.4)	SuSE Linux Enterprise Server & Desktop 15 (SP3 & SP4 & SP5)	Ubuntu LTS 20.04 & 22.04 (Desktop & Server)	Rocky Linux (8.9 & 9.3)
Zemax OpticStudio continued:	Supported Versions	Reader / Plug-In	Windows 10 (v1607 or later)	Windows 11					
Creo Elements / Direct Modeling	20.4, 20.5	Reader	✓	✓					
Creo Parametric	11	Reader	✓	✓					
	10	Plug-In	✓	✓					
FBX	All	Reader	✓	✓					
Fusion 360	2.0.12392 onward	Reader	✓	✓					
gITF	2	Reader	✓	✓					
I-Deas	6	Reader	✓	✓					
IFC	4	Reader	✓	✓					
IGES	5.1, 5.2, 5.3	Reader	✓	✓					
Inventor	2025	Reader	✓	✓					
	2023	Plug-In	✓						
JT	10.9	Reader	✓	✓					
MicroStation	8	Reader	✓	✓					
NX	2312	Reader	✓	✓					
Parasolid	36.1	Reader	✓	✓					
PDF	All	Reader	✓	✓					
PRC	All	Reader	✓	✓					
Revit	2024	Reader	✓	✓					
Rhinoceros	8	Reader	✓	✓					
SolidEdge	2024	Reader	✓	✓					
SOLIDWORKS	2024	Reader	✓	✓					
STL	All	Reader	✓	✓					
STEP	AP242	Reader	✓	✓					
U3D	36.3	Reader	✓	✓					
VDA-FS	2	Reader	✓	✓					
VRML	2	Reader	✓	✓					
Wavefront	All	Reader	✓	✓					
3MF	1.2.3	Reader	✓	✓					

			Operating System			
Zemax OpticStudio continued:	Supported Versions	Writer		Windows 10 (v1607 or later)	Windows 11	
ACIS	5	Writer	✓	✓		
FBX	Any	Writer	✓	✓		
IGES	5.1	Writer	✓	✓		
JT	10	Writer	✓	✓		
Parasolid	12.1	Writer	✓	✓		
PRC	2023	Writer	✓	✓		
STL	Any	Writer	✓	✓		
STEP	242	Writer	✓	✓		
U3D	363	Writer	✓	✓		
Wavefront OBJ	Any	Writer	✓	✓		
3MF	1.2.3	Writer	✓	✓		



CAD Support
Release 2025 R1
Ansys Mechanical APDL
Connections

			Operating System							VERSION NOTES:
CAD Package	Supported Versions	Connection	Windows 10 (Professional, Enterprise & Education) General Availability Channel releases are supported	Windows 11 (Professional, Enterprise & Education) General Availability Channel releases are supported	Red Hat Enterprise 8 (8.6, 8.8 & 8.10)	Red Hat Enterprise 9 (9.4)	SuSE Linux Enterprise Server & Desktop 15 (SP3, SP4 & SP5)	Ubuntu LTS 20.04 & 22.04 (Desktop & Server)	Rocky Linux (8.10 & 9.4)	
ACIS	2024	Connection	✓	✓						
	2023	Connection			✓	✓	✓	✓	✓	
CATIA V4	4.2.4	Connection	✓	✓	✓	✓	✓	✓	✓	
CATIA V5	V5-6R2024	Connection	✓	✓						
Creo Parametric	11.0	Connection	✓	✓ ¹						1 Requires Windows 11 version 21H2 or higher
	10.0	Connection	✓	✓ ¹						1 Requires Windows 11 version 21H2 or higher
	9.0	Connection	✓	✓ ¹						1 Requires Windows 11 version 21H2 or higher
	7.0	Connection	✓ ²	✓ ³						2 Minimum supported version 7.0.4.0 3 Minimum supported version 7.0.8.0; requires Windows 11 version 21H2 or higher
IGES	4.0, 5.2, 5.3	Connection	✓		✓	✓	✓	✓	✓	
NX	2406	Connection	✓ ⁴	✓ ⁴						4 Support limited to Professional & Enterprise versions
	2312	Connection	✓ ⁴	✓ ⁴						4 Support limited to Professional & Enterprise versions
	2306	Connection	✓ ⁴	✓ ⁴						4 Support limited to Professional & Enterprise versions
Parasolid	36.1	Connection	✓	✓						
	35.1	Connection			✓	✓	✓	✓	✓	