



Graphical Display: Graphics Card Requirements and Cards Tested

Release 2025 R1

Minimum Graphics Requirements: Visualization*

Ansys Products (other than Discovery, Speos, and AVxcelerate), Windows Platforms: Intel Arc Pro graphics cards. Discrete graphics card with the latest drivers and compatible with the supported operating systems. For full functionality, use of a recent NVIDIA or AMD Professional or Workstation Graphics card with at least 2 GB of discrete video memory and supporting, at a minimum, OpenGL version 4.5, DirectX 11, Shader Model 5.0.

Ansys Products, Linux Platforms: Discrete graphics card with the latest drivers and compatible with the supported operating systems. For full functionality, use of a recent NVIDIA or AMD Professional or Workstation Graphics card with at least 1 GB of discrete video memory and supporting, at a minimum, OpenGL version 4.5. Fluent does not support AMD cards on Linux platforms.

Discovery: NVIDIA Discrete graphics card with the latest drivers. Pascal series or newer recommended. At least 4 GB of discrete video memory (8 GB recommended). OpenGL version 4.6 or above. AMD Radeon Pro cards are also supported, with the exception of the Explore stage, and the Refine stage using the LiveGX solver. Intel Arc Pro GPU cards are also supported in the Modeling stage. When running under Discovery Modeling at least 2 GB of discrete video memory is required (4+ GB recommended).

Speos and Speos for NX: NVIDIA discrete graphics cards. Volta series or newer recommended with drivers as specified in the user documentation. RTX series is preferred. At least 4 GB of discrete video memory is required (16 GB recommended).

AVxcelerate: NVIDIA workstation discrete graphics cards from Quadro RTX, RTX A, or RTX Ada series. 16 GB of discrete video memory is recommended with driver as specified in the user documentation.

GPGPU: Some ANSYS products support problem solving on the graphics processor (GPGPU capability). The additional graphics card requirements for GPGPU are included in the GPU Accelerator Capabilities document at [ansys.com> Support> Platform Support](https://ansys.com/Support/Platform-Support).

Rocky: A graphics card supporting, at a minimum, OpenGL 3.3 and AMD cards only for post-processing on both Windows and Linux platforms.

* Accelerated Processing Unit (APU) integrated graphics may be suitable for some applications; see the table of tested cards below.

Cards Tested

The graphics cards listed below have been tested successfully with these Ansys' applications and products: Ansys Workbench/Mechanical, Autodyn, CFX, Chemkin, DesignXplorer, Discovery, Electronics suite (Mechanical, Designer Workflow, HFSS, Maxwell, Q3D Extractor, and Siwave), EnSight, FENSAP-ICE, Fluent/Fluent-Meshing, Forte, Icem CFD, Icepak, LS-DYNA, Mechanical APDL, Meshing, optiSLang, Polyflow, Scade, SpaceClaim, SpaceClaim Meshing, Speos, Speos for NX, SpaceClaim, System Coupling, TurboGrid, TwinAI, and TwinBuilder.

Manufacturer	Product Series	Card Version	Tested Platform	Tested OS	Notes
Intel	Arc Pro	Arc Pro A30M (mobile)	Windows x64	Windows 11	
		Arc Pro A40	Windows x64	Windows 11	
		Arc Pro A60M (mobile)	Windows x64	Windows 11	
		Arc Pro UMA	Windows x64	Windows 11	

Manufacturer	Product Series	Card Version	Tested Platform	Tested OS	Notes		
AMD	Radeon PRO	W6300	Windows x64	Windows 11			
			Linux x64	SLES 15.5			
		W6400	Windows x64	Windows 11			
			Linux x64	RHEL 8.9			
		W6600	Windows x64	Windows 10			
			Linux x64	RHEL 9.3			
		W6800	Windows x64	Windows 11			
			Linux x64	SLES 15.5			
		W7500	Windows x64	Windows 11			
			Linux x64	SLES 15.5			
		W7600	Windows x64	Windows 11			
			Linux x64	Ubuntu 22.04			
		W7700	Windows x64	Windows 10			
			Linux x64	SLES 15.5			
		W7800	Windows x64	Windows 11			
			Linux x64	Ubuntu 22.04			
		W7900	Windows x64	Windows 11			
			Linux x64	RHEL 9.3			
			Ryzen 5 PRO	8640HS (mobile)	Windows x64	Windows 11	Requires specific non-unified driver for installation
			Ryzen 7 PRO	4750U (mobile)	Windows x64	Windows 10	Requires specific non-unified driver for installation
	5850U (mobile)	Windows x64		Windows 10	Requires specific non-unified driver for installation		
	7840U (mobile)	Windows x64		Windows 11	Requires specific non-unified driver for installation		
	8845HS (mobile)	Windows x64		Windows 11			
	Ryzen 9 PRO	7940HS (mobile)	Windows x64	Windows 11	Requires specific non-unified driver for installation		

Manufacturer	Product Series	Card Version	Tested Platform	Tested OS	Notes
NVIDIA	RTX	1000 Ada (mobile)	Windows x64	Windows 11	
		2000 Ada	Windows x64	Windows 11	
		2000 Ada (mobile)	Windows x64	Windows 11	
		3000 Ada (mobile)	Windows x64	Windows 11	
		3500 Ada (mobile)	Windows x64	Windows 11	
		4000 Ada	Windows x64	Windows 10	
				Windows 11	
				Linux x64	Ubuntu 22.04
		4500 Ada	Windows x64	Windows 11	
		500 Ada (mobile)	Windows x64	Windows 11	
		5000 Ada	Windows x64	Windows 10	
				RHEL 8.10	
		5000 Ada (mobile)	Windows x64	Windows 11	
		6000 Ada	Windows x64	Windows 11	
				RHEL 9.3	
		A1000	Windows x64	Windows 10	
				Windows 11	
		A1000 (mobile)	Windows x64	Windows 11	
		A2000	Linux x64	RHEL 9.4	
		A2000 (12 GB)	Windows x64	Windows 10	
A2000 (mobile)	Windows x64	Windows 11			
A3000 (mobile)	Windows x64	Windows 10			

Manufacturer	Product Series	Card Version	Tested Platforms	Tested OS	Notes		
NVIDIA	RTX	A400	Windows x64	Windows 10			
				Windows 11			
		A4000	Windows x64	Windows 11			
			Linux x64	SLES 15 SP4			
		A4000 (mobile)	Windows x64	Windows 10			
		A4500	Windows x64	Windows 11			
			Linux x64	RHEL 8.8			
				SLES 15 SP5			
		A4500 (mobile)	Windows x64	Windows 10			
		A500 (mobile)	Windows x64	Windows 11			
		A5000	Windows x64	Windows 10			
			Linux x64	RHEL 8.10			
		A5000 (mobile)	Windows x64	Windows 10			
		A5500	Windows x64	Windows 11			
			Linux x64	Rocky 8.9			
		A5500 (mobile)	Windows x64	Windows 10			
		A6000	Windows x64	Windows 10			
			Linux x64	Rocky 9.4			
		T		T1000 (4GB)	Linux x64	RHEL 8.7	
T1000 (8GB)	Windows x64			Windows 10			
	Linux x64			Ubuntu 20.04			
T400 (4 GB)	Windows x64			Windows 11			
	Linux x64			RHEL 8.6			
T550 (mobile)	Windows x64			Windows 11			
T600	Windows x64			Windows 11			
	Linux x64	SLES 15 SP3					