



Graphical Display: Graphics Card Requirements and Cards Tested

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Minimum Graphics Requirements

ANSYS Products (other than Discovery Live), Windows Platforms: Discrete graphics card with the latest drivers and compatible with the supported operating systems. For full functionality, use of a recent NVIDIA Quadro or AMD Radeon Pro card with at least 1 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 Quadro or AMD Radeon Pro card with at least 1 GB of discrete video memory and supporting, at a minimum, OpenGL version 4.5

ANSYS Discovery Live: NVIDIA Discrete graphics card (Quadro recommended) with the latest drivers. Kepler-, Maxwell-, Pascal-, Volta, or Turing-based cards are recommended (Maxwell 2000 or better). At least 4 GB of discrete video memory (8 GB recommended). OpenGL version 4.5 or above.

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).

Cards Tested

The graphics cards listed below have been tested successfully with these ANSYS' applications and products: Autodyn, AIM, CFX, Chemikn, Electronics Applications (HFSS, Designer, Q3D, Maxwell, Twin Builder, and Slwave), DesignXplorer, Enerigo, EnSight, Fluent, Forte, ICEM CFD, IC Engine, Icepak, Mechanical, Mechanical APDL, Meshing, Polyflow, SpaceClaim, System Coupling, TGrid, TirboGrid, and Workbench.

Manufacturer	Product Series	Card Version	Tested Platform	Tested OS	Notes
AMD	Radeon Pro	WX2100	Windows x64	Windows 10	
		WX3100	Windows x64	Windows 10	
		WX3200	Windows x64	Windows 10	
		WX4150 (mobile)	Windows x64	Windows 10	
		WX7100 (mobile)	Windows x64	Windows 10	
		WX8200	Windows x64	Windows 10	
		WX9100	Windows x64	Windows 10	

Manufacturer	Product Series	Card Version	Tested Platform	Tested OS	Notes
NVIDIA	Quadro M	M2000	Windows x64	Windows Server 2019	
		M4000	Linux x64	SLES 12.2	
		M5000	Linux x64	Windows 10	
		M6000	Linux x64	CentOS 7.5	
	Quadro P	P600	Windows x64	Windows 10	
		P620 (mobile)	Windows x64	Windows 10	
		P620	Linux x64	CentOS 7.4	
		P1000	Linux x64	SLES 12.3	
		P2000	Windows x64	Windows 10	
		P2200	Windows x64	RHEL 7.6	
		P5000	Windows x64	Windows 10	
		P6000	Linux x64	CentOS 7.6	
	Quadro GV	GV100	Windows x64	Windows 10	
			Linux x64	SLES 12.4	
	Quadro RTX	3000 (mobile)	Windows x64	Windows 10	
		4000 (mobile)	Windows x64	Windows 10	
		4000	Linux x64	CentOS 7.4	
		5000 (mobile)	Windows x64	Windows 10	
		5000	Linux x64	RHEL 7.7	
		6000	Linux x64	Windows 10	
		8000	Windows x64	Windows 10	
	Quadro T	T1000 (mobile)	Windows x64	Windows 10	
		T2000 (mobile)	Windows x64	Windows 10	