



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://www.ansys.com/Support/Platform_Support).

Cards Tested

The graphics cards listed below have been tested successfully with these ANSYS products: AIM, CFX, Electronics Applications (HFSS, Designer, Q3D, Maxwell, Twin Builder, and Siwave), EnSight, Fluent, ICEM CFD, IC Engine, Icepak, Mechanical APDL, Polyflow, SpaceClaim, TGrid, and Workbench.

Manufacturer	Product Series	Card Version	Tested Platform	Tested OS	Notes
AMD	Radeon Pro	WX2100	Windows x64	Windows 7	
		WX3100	Windows x64	Windows 10	
		WX3200	Windows x64	Windows 10	
		WX4130 (mobile)	Windows x64	Windows 7	
		WX4150 (mobile)	Windows x64	Windows 7	
		WX7100 (mobile)	Windows x64	Windows 10	
		WX8200	Windows x64	Windows 7	
		WX9100	Windows x64	Windows 10	

Manufacturer	Product Series	Card Version	Tested Platform	Tested OS	Notes
NVIDIA	Quadro M	M1200 (mobile)	Windows x64	Windows 10	
		M2000	Windows x64	Windows 7	
		M4000	Linux x64	SLES 11.2	
				SLES 11.4	
		M5000	Linux x64	RHEL 6.9	
	CentOS 7.5				
	Quadro P	P520 (mobile)	Windows x64	Windows 10	
		P600	Windows x64	Windows 7	
		P620	Linux x64	RHEL 7.4	
		P1000 (mobile)	Windows x64	Windows 10	
		P1000	Linux x64	RHEL 6.10	
		P2000 (mobile)	Windows x64	Windows 10	
		P2000	Windows x64	Windows 10	
		P2200	Windows x64	Windows 10	
P3200 (mobile)		Windows x64	Windows 10		
P4000 (mobile)		Windows x64	Windows 7		
P4000		Windows x64	Windows 10		
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		
		Windows x64	Windows 10		
	4000	Windows x64	Windows 10		
		Linux x64	CentOS 7.4		
	5000 (mobile)	Windows x64	Windows 10		
		Windows x64	Windows 10		
	6000	Linux x64	RHEL 7.5		
		Linux x64	RHEL 7.6		
8000	Windows x64	Windows 10			
Quadro T	T1000 (mobile)	Windows x64	Windows 10		
		Windows x64	Windows 10		