



Graphical Display: Graphics Card Requirements and Cards Tested

Release 2019 R1

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.

Cards Tested

The graphics cards listed below have been tested successfully with these ANSYS products: AIM, CFX, EBU suite (HFSS, Designer, Q3D, Maxwell, Twin Builder, and Slwave), 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	
		WX4100	Windows x64	Windows 7	
		WX4130 (mobile)	Windows x64	Windows 7	
		WX4150 (mobile)	Windows x64	Windows 10	
		WX5100	Windows x64	Windows 10	
		WX7100 (mobile)	Windows x64	Windows 10	
		WX7100	Windows x64	Windows 10	
		WX8200	Windows x64	Windows 7 Windows 10	
		WX9100	Windows x64	Windows 7 Windows 10	

Manufacturer	Product Series	Card Version	Tested Platform	Tested OS	Notes
	Quadro K	K1200	Windows x64	Windows 7	
		K2200	Linux x64	CentOS 7.4	
		K5200	Windows x64	Windows 10	
	Quadro M	M1000M (mobile)	Windows x64	Windows 10	
		M1200 (mobile)	Windows x64	Windows 10	
		M2000 (mobile)	Windows x64	Windows 10	
		M2000	Windows x64	Windows 7	
		M4000 (mobile)	Windows x64	Windows 10	
		M4000	Linux x64	SLES 12.2	
		M5000	Linux x64	CentOS 7.5	
		M6000 (12 GB)	Windows x64	Windows 10	
			Linux x64	SLES 12.3	
	Quadro P	P600 (mobile)	Windows x64	Windows 10	
		P620	Linux x64	SLES 12.3	
		P1000 (mobile)	Windows x64	Windows 10	
		P1000	Linux x64	RHEL 6.10	
		P2000 (mobile)	Windows x64	Windows 10	
		P2000	Linux x64	RHEL 6.9	
		P3200 (mobile)	Windows x64	Windows 10	
		P4000 (mobile)	Windows x64	Windows 7	
			P4000	Linux x64	RHEL 7.4
		P4200 (mobile)	Windows x64	SLES 12.2	
			Windows x64	Windows 10	
		P5000	Windows x64	Windows 7	
		P6000	Windows x64	Windows 10	
	Quadro GV	GV100	Windows x64	Windows 10	
			Linux x64	RHEL 7.3	
			CentOS 7.5		
	Quadro RTX	6000	Windows x64	Windows 7	
			Windows 10		
			Linux x64	RHEL 7.5	
			CentOS 7.4		