Support for Remote Display & Virtual Desktop

Release 2024 R1

Before using remote Display or Virtual desktop, please verify that your chosen server or host operating system version is supported by the Ansys product in use, as shown in the *Platform Support by Application / Product* PDF document at ansys.com> Customer Center> Support> More Support> Platform Support.

Graphics cards must also meet the minimum graphics card requirements as shown in the *Graphics Cards Tested* PDF document at ansys.com> Customer Center> Support> More Support> Platform Support.

The following ANSYS Workbench products and analysis systems are tested for visualization using Remote Display or Virtual Desktops (VDI):

SpaceClaim Direct Modeler (ANSYS SCDM), DesignModeler, DesignXplorer, ICEM CFD, HFSS, Maxwell, Q3D Extractor, SIwave, Twin Builder, Discovery, System Coupling, Autodyn, CFX, CFD-Post, Fluent, Icepak, Mechanical, Meshing, Mechanical APDL, Explicit STR, Polyflow, TurboGrid, EnSight, Forte, Energico, Chemkin, FENSAP-ICE, Ansys Minerva (client), optiSLang, Speos, SpaceClaim Meshing, SCADE, and LS-Dyna.

Remote Display Support for Lumerical is limited to Windows RDP, VNC Connect, and Turbo VNC using only Windows Client Operating System.

	Supported Device	Client Operating System	Server Operating System	Server Graphics	Notes
Remote Display Support	Windows RDP	Windows	Windows 10, Windows 11, Server 2019, Server 2022	NVIDIA or AMD	
	VNC Connect (version tested: 7.6 with VirtualGL 3.1)	Windows/Linux	Red Hat 7, Red Hat 8 SLES 12, SLES 15 CentOS 7, Ubuntu 20.04, Ubuntu 22.04	NVIDIA or AMD	
	Nice DCV (version tested: 2023.0)	Windows/Linux	Windows 10, Windows 11, Server 2019, Server 2022 Red Hat 7, Red Hat 8 SLES 12, SLES 15 CentOS 7, Ubuntu 20.04, Ubuntu 22.04	NVIDIA only[1]	1 See NICE support site (www.nice-software.com) for NICE DCV server requirements.
	OpenText Exceed TurboX (version tested: 12.5.1)	Windows/Linux	RedHat 7, Red Hat 8 SLES 12, SLES 15 CentOS 7, Ubuntu 20.04, Ubuntu 22.04	NVIDIA or AMD	
	Turbo VNC (version tested: 3.0.3 with VirtualGL 3.1)	Windows	RedHat 7, Red Hat 8 SLES 12, SLES 15 CentOS 7, Ubuntu 20.04, Ubuntu 22.04	NVIDIA	

	Device	Client Operating System	Hosted Machine	Server Graphics	Hypervisor Layer
Virtual Desktop Infrastructure (VDI) Support	VMware Horizon View (version tested: 8.9.0 2303)	Windows	Windows 10, Windows 11, Server 2019, Server 2022 Red Hat 7, Red Hat 8 SLES 12, SLES 15 CentOS 7, Ubuntu 20.04, Ubuntu 22.04	NVIDIA GRID* (gpu pass-through or vGPU)	VMware vSphere ESXI 7.0 U3
	Citrix Virtual Desktop (version tested: 7 2209)	Windows	Windows 10, Server 2019, Server 2022	NVIDIA GRID* (gpu pass-through or vGPU)	Citrix Hypervisor 8.2.1
	NICE DCV (version tested: 2023.0)	Windows/Linux	Red Hat 7, Red Hat 8 SLES 12, SLES 15 CentOS 7, Ubuntu 20.04, Ubuntu 22.04	NVIDIA GRID* (gpu pass-through)	VMware vSphere ESXI 7.0 U3 / Citrix Hypervisor 8.2.1

* Graphic Card tested; Tesla P40, Tesla V100 and Tesla A40.