![NVIDIA logo]

VIRTUAL DESKTOPS FOR THE DIGITAL WORKPLACE
NVIDIA GRID VDI REFERENCE SERVERS FOR WINDOWS 10 MIGRATIONS

Desktop virtualization is a reliable end-user compute strategy for many enterprises, enabling enhanced employee mobility, increased data security, streamlined IT management and more.

> "Multiple trends are increasing enterprise demand for VDI and associated solutions. Examples include digital workplace initiatives, upgrades to Windows 10 and the increasing variety of user access devices in midsize and large enterprise.[1]"

According to Gartner,

THE DIGITAL AGE IS DRIVING VDI ADOPTION

The migration to Windows 10, and the associated server refresh that comes with it, is an ideal time to plan for a new, modern virtual desktop environment. Perhaps the biggest trend driving virtualization is that the workplace has become more visual—video blogs, web conferencing, multi-monitors, dynamic browsers, 3D features in everyday apps, and more are the new normal. In the same way GPU technology powers the physical devices running these workloads, GPU-acceleration is essential to the virtualized digital workplace. Even Windows 10 is more graphics-intensive than Windows 7, requiring 50 percent more graphics usage.[2]

With the addition of NVIDIA GRID® Virtual PC (GRID vPC) software and NVIDIA® GPUs, IT is able to modernize older VDI environments, and deliver the graphics performance every user expects, at an affordable cost per user.

33-40% OFF NVIDIA GRID VPC

For a limited time, NVIDIA is offering discounts on GRID software purchased together with NVIDIA GPUs. First year of a 3-year subscription is free, and first two years of a 5-year subscription free.

GREAT NVIDIA PARTNERSHIPS MAKE ADOPTION EASY AND AFFORDABLE

Utilizing VDI reference architectures from NVIDIA partners, you can implement pre-tested solution bundles that mitigate the challenges around cost as well as planning, procurement, and deployment. Certified servers with NVIDIA GPUs and discounted GRID software licenses, can be custom configured for the best performance and total cost of ownership (TCO).

Purchasing is simplified with attractive pricing for the typical three- or five-year IT buying cycle. VDI solution costs per user, per month, include the OEM server, NVIDIA GPUs, and the GRID software license. Customers may also delay the start for their software subscription by up to 90 days after purchase.

The reference architecture validates scaling up to 96 users per server and includes promotional software pricing from NVIDIA. A multi-workload solution using NVIDIA T4 GPUs is also available for providing high VDI-user density for knowledge workers with the added flexibility to run compute workloads during off-peak hours.

Single-Purpose, Lowest-Cost Solution For VDI Using NVIDIA M10

Includes 2x NVIDIA M10 GPUs with GRID licenses for 64 users.
Or 3x NVIDIA M10 GPUs with GRID licenses for 96 users.

Multi-Workload, Cost-Effective Solution For VDI and Compute Using NVIDIA T4

Includes 4x NVIDIA T4 GPUs with GRID licenses for 64 users.
Or 6x NVIDIA T4 GPUs with GRID licenses for 96 users.

NVIDIA GRID DELIVERS THE BEST VDI USER EXPERIENCE FOR THE MODERN DIGITAL WORKPLACE

Compared to a CPU-only VDI environment, NVIDIA GRID delivers a native-PC-like experience with improved server density.

33% Better Performance With NVIDIA GRID
User Experience Based On Remoted Frames

	Relative Performance
NVIDIA GRID with T4	1.33
CPU-Only VM	1
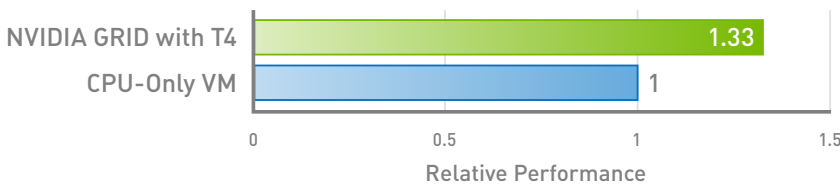
Tested by NVIDIA on knowledge worker workloads (Excel, Word, PowerPoint, Chrome, Media Player, PDF) running on a single HD-resolution display with NVIDIA GRID 7.1 and NVIDIA T4-1B

Supermicro GRID VDI solution

- Support 2 x M10 GPUs / 4 x T4 GPUs with GRID licenses for 64 Users
- Dual Intel® Xeon® Processor Scalable Family (Skylake-SP) with 2 UPI up to 10.4 GT/s
- Up to 3TB 3DS ECC RDIMM/LRDIMM; DDR4 up to 2666MT/s, in 24 DIMM slots
- 24 Hot-swap 2.5" Drive Bays; 24 SAS3 ports support via
- Expander and AOC; Optional drive support: 20 SAS3 + 4 SAS3/
- NVMe; Optional 2 Rear Hot-swap 2.5" Drive Bays

Supermicro SuperServer SYS-2029U-E1CRT

About Super Micro Computer, Inc. (SMCI)

Supermicro (SMCI), the leading innovator in high-performance, high-efficiency server technology is a premier provider of advanced server Building Block Solutions® for Data Center, Cloud Computing, Enterprise IT, Hadoop/Big Data, HPC and Embedded Systems worldwide. Supermicro is committed to protecting the environment through its "We Keep IT Green®" initiative and provides customers with the most energy-efficient, environmentally-friendly solutions available on the market.

www.supermicro.com

To learn more , read our VDI for Windows 10 environments **whitepaper.** For more information visit **www.nvidia.com/grid**