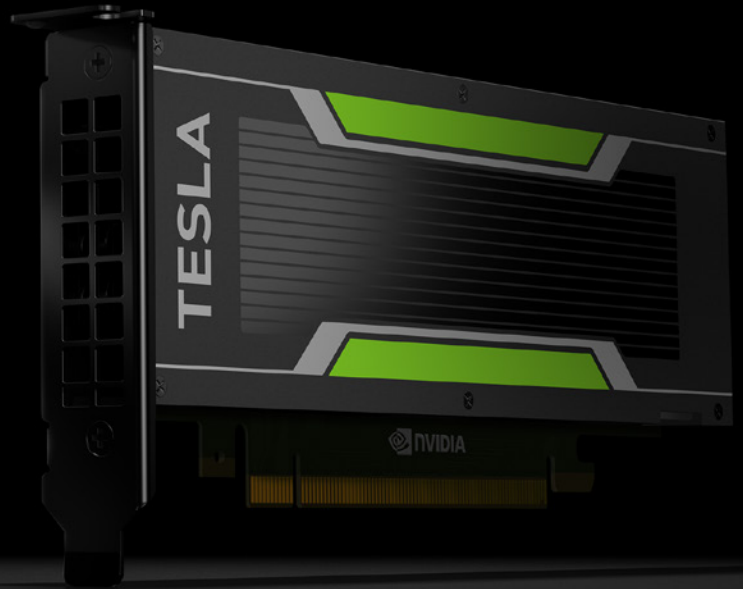




NVIDIA TESLA P4 FOR VIRTUALIZATION

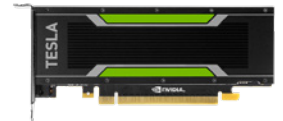


Redefining Virtual Workstation Performance

The NVIDIA® Tesla® P4 with NVIDIA Quadro® Virtual Data Center Workstation (Quadro vDWS) software enables maximum GPU-per-server density for professional graphics users, including those accessing deep learning inference workloads. Delivering up to 1.3X the performance of previous-generation Tesla M60 with lower power consumption—and with added support for NVIDIA® CUDA® in each Quadro vDWS profile, greater than 1 TB system memory support, and guaranteed quality-of-service (QoS) scheduling—two Tesla P4 boards are a great upgrade path for a single Tesla M60.

NVIDIA redefined visual computing by giving designers, engineers, scientists, and graphic artists the power to take on the biggest visualization challenges with immersive, interactive, photorealistic environments. With NVIDIA Quadro vDWS, architects, engineers, and designers are now untethered from their desks and can access applications and data from anywhere, on any device.

SPECIFICATIONS

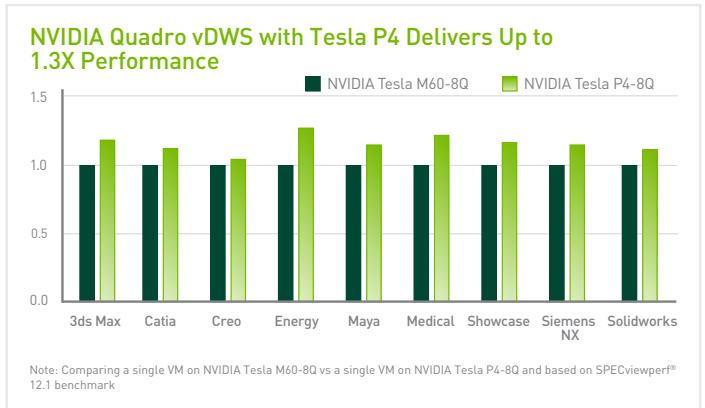


Tesla P4

GPU	1 NVIDIA Pascal™ GPU
NVIDIA® CUDA® Cores	2,560
Memory Size	8 GB GDDR5
H.264 1080p30 Streams	24
vGPU Profiles	1 GB, 2 GB, 4 GB, 8 GB
Form Factor	PCIe 3.0 single slot (low profile) for rack servers
Power	75 W
Thermal Solution	Passive

Graphics-Accelerated Design

NVIDIA Quadro vDWS delivers the power of Tesla P4 GPUs to virtual workstations for an immersive experience—even for designers and engineers using the most demanding professional applications. Quadro vDWS brings graphics acceleration to the data center, lets IT centralize applications and data, and provides virtual workspaces that offer improved management, security, and productivity.



Virtualize Without Compromise



PHYSICAL WORKSTATION EXPERIENCE

Achieve the ultimate user experience for any workload or virtual GPU (vGPU) profile. With support for CUDA and OpenCL, professional and design engineering workflows are enabled at peak performance, providing a workstation-like experience that can be accessed anytime, on any device.



OPTIMAL MANAGEABILITY

Intelligently design, manage, and support the vGPU environment with end-to-end management and monitoring and real-time insight into performance. Broad partner integrations enable access to a wide variety of tools from all major hypervisor vendors.



QUADRO-POWERED VISUALIZATION

Accelerate workflows with the world's leading visual computing platform, trusted by millions of creative and technical professionals. It's accessible from the data center, and users benefit from the Quadro ecosystem of independent software vendor (ISV) certifications and tools.



INVESTMENT PROTECTION

Access ongoing feature enhancements and new releases on a regular cadence, as well as support and maintenance, with a Quadro vDWS software license. This software license model provides access to new features without a dependency on new hardware.

To learn more about NVIDIA virtual GPU technology, visit www.nvidia.com/virtualgpu