PNY PRO
GRAPHICS | HPC | AI

NVIDIA® RTX™ SERVER

FEATURING QUADRO RTX HIGH-PERFORMANCE, FLEXIBLE RENDERING IN THE DATA CENTER, WITH QUADRO RTX 6000 / RTX 8000

NVIDIA RTX

AVAILABLE NOW – GET IN TOUCH WITH US

POWER AND FLEXIBILITY FROM DESKTOP TO DATA CENTER

NVIDIA® RTX™ Server is a highly configurable reference design, *validated by NVIDIA®*, that provides the power you need to boost rendering performance on desktop, accelerate offline rendering, and provision high-performance virtual workstations and virtual compute servers, all in a single, flexible solution.

ACCELERATE YOUR ENTIRE RENDERING / COMPUTE PIPELINE

OFFLINE RENDERING

Drastically reduce the time required for offline rendering with the power of GPU acceleration with the NVIDIA® RTX™ Server.

ACCELERATED DESKTOP RENDERING

Boost local workstation rendering performance and interactivity by connecting to NVIDIA® RTX™ Server and tapping into the power of up to 8 GPUs.

VIRTUAL WORKSTATIONS AND COMPUTE SERVER

Provision multiple, easy-to-manage virtual workstations / compute servers from a single NVIDIA® RTX™ Server with NVIDIA® GRID™ vDWS / vCS.

NVIDIA RTX SERVER BY PNY
WITH QUADRO RTX6000/RTX8000

Certified by NVIDIA for Autodesk Arnold and
Teradici PCoIP workloads

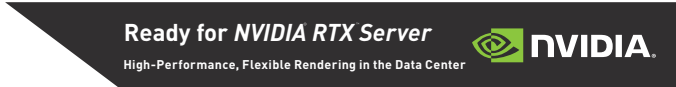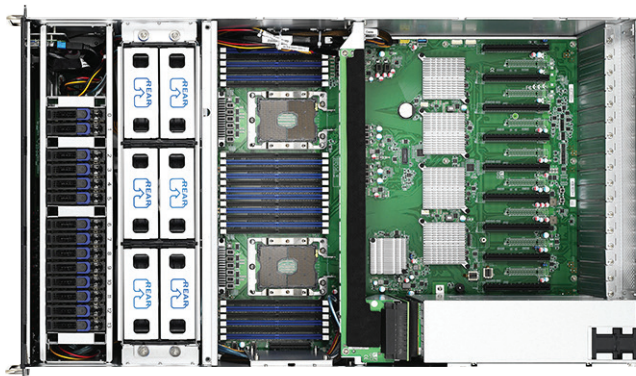## Best Suited for HPC, Rendering and Virtualization Workloads

PRODUCT NUMBER	NVIDIA CARD	MAX. CARDS	COMPUTE POWER PER GPU	COMPUTE PERFORMANCE PER GPU	PNY PROFESSIONAL SERVICES
PNYRTX488RTX8K-102F	Quadro RTX8000 48GB GDDR6	8	CUDA Cores: 4608 TMUs: 288 SM Count: 72 Tensor Cores: 576	FP32: 16.3 TFLOPS FP16: 32.62 TFLOPS INT8: 261 TOPS RT Cores/RTX-OPS: 72/84 Trillion	Optional for 1/3/5-year NBD SLA (service plan includes: Advance RMA, On-Site Maintenance and Remote Technical Support)
PNYRTX488RTX6K-102F	Quadro RTX6000 24GB GDDR6	8			

FEATURES

- Hot-Swap Redundant PSU's & System Fans
- Onboard SATA RAID 0/1/5/10 (Intel RSTe)
- PLX PCIe Switch Topology
- AMI MegaRAC® SP-X SoC for IPMI:
  - User-friendly Graphics User Interface
  - Users management
  - Services settings & Sessions control
  - LDAP settings
  - Power control & voltages, fans and temperatures monitoring
  - Events management (platform events, trap settings, email settings)
  - Serial Over LAN
  - vKVM & vMedia (launch, configuration)

SPECIFICATIONS

- **Form Factor & Dimensions**: 4U, 770 x 438 x 176 (D x W x H, mm)
- **CPU:** 2 x Intel® Xeon® Scalable Skylake Gold 6126 processors (2.6-3.7GHz; 12 Cores, 24 threads per CPU)
- **Socket & Chipset:** 2 x LGA 3647, Intel® C621
- **System Memory:** 12 x 32GB Samsung 2666MHz DDR4 ECC RDIMM
- **Storage:** 1 x Intel 240GB SATA3 2.5" SSD + 1 x Intel 1.92TB SATA3 SSD (expansion up to 14 drives in total supported)
- **Network Controllers:** 2 x 10GbE LAN ports (Intel® X550-AT2) + 1 x GbE LAN port dedicated for IPMI (Realtek® RTL8211E)
- **Expansion Slots:** 1 x PCIe Gen3 x16 slot + 2 x PCIe Gen3 x8 proprietary mezzanine slots (for storage controller, NIC)
- **Front/Back I/Os:** 2 x USB 3.0, 1 x VGA, 1 x Serial, 3 x RJ45
- **System Cooling:** 5+1 x hot-swappable 12cm system fans
- **Power Supply:** 2+1 x 1600W redundant PSU (80 PLUS Platinum)

POWERED BY NVIDIA QUADRO®

vmware READY

Ready for *NVIDIA RTX Server*
High-Performance, Flexible Rendering in the Data Center

NVIDIA.

More information: www.pny.eu
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