



PNY QUADRO VCA SYSTEM CERTIFIED BY NVIDIA

SCALABLE TURNKEY SYSTEM FOR
PHYSICALLY BASED GPU RENDERING

For users working with Iray®, OptiX® and virtual reality. Features include Iray VR Light Fields, super fast VR renders, Iray streaming workflow. VCA Manager software 1-year subscription included.

NVIDIA and PNY have teamed up to offer PNY Quadro® VCA System. Designed for demanding designers and visual effects professionals, this is a powerful network-attached appliance that harnesses the power of the highest performing NVIDIA GPUs. It's accessible to anyone on the network, easily integrated into design workflows, and effortlessly scales to multiple VCA systems. The predictability and accuracy of physically-based realism is now fully interactive to speed up decision making within the creative process.

WHY QUADRO VCA?

- Accelerate design and VFX workflows and deliver photograph-quality images faster than ever before.
- Scale beyond your desktop workstation with a single VCA or multiple VCAs clustered together.
- Enjoy the high quality interactive rendering performance of a multi-GPU workstation from a lightweight mobile computer.
- Centralizing GPU rendering resources in the datacenter allows multiple 3D artists enjoy the benefits of interactive, multi GPU rendering.
- Designed for datacenters, VCA offers flexibility and reliability.

SPECIFICATIONS

- Part Number: PNYVCA488P6000-103
- Form Factor & Dimensions: 4U, 176 x 438 x 770 (H x W x D, mm)
- CPU: 2 x Intel Xeon E5-2698v4 (20 cores, 2.2GHz, 50MB)
- Socket & Chipset: LGA 2011-3, Intel® C612
- GPU: 8 x Nvidia Quadro P6000
- Memory: 8 x DDR4-2133 Reg. ECC 32 GB module
- Storage: 2 x Intel 480GB 2.5" SSD SATA3
- SATA Controller: Intel RST SATA RAID 0/1/5/10
- Network Controller: 2 x Infiniband FDR QSFP+ ports, 2 x GbE ports (1 shared with IPMI)
- Front/Back I/Os: 2 x USB 3.0, 1 x VGA, 2 x RJ45, 2 x QSFP+
- System Cooling: 5+1 hot-swap 12cm fans
- Power Supply: 2+1 x 1600W redundant PSU (80 PLUS Platinum)
- Installed Software: VCA Manager (1-year subscription), Linux CentOS 7.2 or newer, Iray 2016.3 or newer, OptiX 3.8.0 or newer

IRAY COMPATIBLE APPLICATIONS



SUPPORTED GPU ACCELERATED RENDERERS*



*not integrated in the VCA



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