



**SCALABLE, INTERACTIVE
PHYSICALLY BASED
RENDERING
QUADRO® VCA CERTIFIED**

Accelerate Design and VFX Production Workflows with Quadro VCA Certified Systems from Select PNY Partners

VCA Certified systems harness the power of the highest-performance NVIDIA Quadro GPUs. They're accessible to anyone on the network, are easily integrated into design workflows, and can linearly scale to cluster environments. The predictability and accuracy of physically-based realism is now fully interactive to speed decision making within the creative process.

Run industry-standard applications with GPU-accelerated renderers on VCA Certified systems to turbocharge your results. They allow designers to make critical adjustments or design decisions quickly, while reducing reliance on costly physical prototypes or overnight renders – saving precious time in bringing ideas to market. An ideal solution for automakers, consumer-product manufacturers, and other design-intensive disciplines, VCA Certified systems support both Iray and V-Ray GPU-accelerated renderers.

VCA Certified systems use RDMA over Infiniband for fast interconnect and rendering scalability between systems. Administrators can use the 10 GigE or 1 GigE connection to attach VCA Certified systems to company networks. Plus, these systems include out-of-band control over IPMI, so administrators can manage and monitor them over Ethernet, even if the system is powered off. Finally, the rigorous NVQual test process stresses every component, so VCA Certified systems will reliably perform at maximum throughput for the life of the system. VCA Certified systems are available only from select PNY partners who have demonstrated total commitment to integrating, testing, and delivering turnkey solutions with world-class pre- and post-sales support and service.

FEATURES

- > Eight Ultra-High-End NVIDIA Quadro P6000 GPUs
- > 24 GB Memory per GPU
- > 30,720 NVIDIA CUDA Cores
- > Xeon E5 (2.8 GHz) or Better
- > 20 Physical CPU Cores (40 with Hyperthreading)
- > 256 GB System Memory
- > 2 TB SSD Storage
- > 2x 10GigE, 2x 10GigE (SFP+), 1x Infiniband
- > Linux CentOS 6.6 or Later
- > VCA Manager
- > Iray 2014.3.4 or Newer
- > Optix 3.8 or Newer
- > All Systems Validated with NVQual Prior to Shipment

SOFTWARE LICENSES

- > 1 Year VCA Manager
- > 1 Year Iray
- > 1 Year OptiX

ISV SUPPORT

- > Chaos Group V-Ray RT
- > SOLIDWORKS Visualize Pro
- > CATIA Live Rendering

AVAILABLE FROM:

BOXX Technologies 10435 Burnett Road Austin, TX 78758	877.877.2699 sales@boxx.com www.boxx.com
COLFAX 750 Palomar Avenue Sunnyvale, CA 94085	408.730.2275 sales@colfax-intl.com www.colfax-intl.com
EXXACT 42221 Landing Parkway Fremont, CA 94538	510.226.7366 sales@exactcorp.com www.exactcorp.com
GPL Technologies 2316 West Victory Road Burbank, CA 91506	310.458.6484 sales@gpltech.com www.gpltech.com
Nor-Tech 901 Cliff Road E Burnsville, MN 55337	877.808.1010 info@nor-tech.com www.nor-tech.com
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For more information visit vendor sites noted above.