Nor-Tech Announces Integration of NVIDIA VCA into HPC Clusters for Simulation

Nor-Tech just announced the availability of NVIDIA Quadro VCA integration into its purpose-built simulation clusters.

MINNEAPOLIS, U.S., May 30, 2017 / EINPresswire.com/ -- Nor-Tech, the leading provider of complete simulation solutions, just announced the availability of NVIDIA Quadro VCA integration into its purpose-built simulation clusters.

Nor-Tech President and CEO David Bollig said, "This provides product developers with a significant competitive advantage in terms of time to market. Our clusters, integrated with Quadro VCA allow designers to make key adjustments and arrive at design decisions quickly, while reducing reliance on expensive physical prototypes and overnight renders."

Quadro VCA: accelerates design and VFX workflows and delivers fastest photo-quality images; scales from workstations to clusters with a single VCA or clustered VCAs; centralizes GPU rendering (allows interactive, multi-user GPU design); and supports Iray and V-Ray GPU-accelerated renderers. Features include:
• 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

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• 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 include:
• 1 Year VCA Manager
• 1 Year Iray

• 1 Year OptiX
ISV support includes:
• Chaos Group V-Ray RT
• SOLIDWORKS Visualize Pro
• CATIA Live Rendering

"NVIDIA has created another amazing tool that allows our clients to fully leverage the capabilities of our clusters," Bollig said, "Our expertise with simulation clusters and platforms enabled us to recognize the value of this immediately." Nor-Tech is on CRN's list of the top Data Center Infrastructure Providers—joining ranks with IBM, Dell, Hewlett Packard Enterprise, and Lenovo. The company is renowned throughout the scientific, academic, and business communities for easy to deploy turnkey clusters and expert, no wait time support. All of Nor-Tech's technology is made by Nor-Tech in Minnesota and supported by Nor-Tech around the world. In addition to HPC clusters, Nor-Tech's custom technology includes workstations, desktops, and servers for a range of applications including CAE, CFD, and FEA. Nor-Tech engineers average 20+ years of experience and are responsible for significant high performance computing innovations. The company has been in business since 1998 and is headquartered in Burnsville, Minn. just outside of Minneapolis. To contact Nor-Tech call 952-808-1000/toll free: 877-808-1010 or visit http://www.nor-tech.com. Full release at: http://www.nor-tech.com/category/news/. release at: http://www.nor-tech.com/category/news/. Media Contact: Jeanna Van Rensselar, Smart PR Communications; jeanna@smartprcommunications.com.

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