Nor-Tech Announces Customizable Workstations Integrated with CAE Applications

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MINNEAPOLIS, MINN., U.S., October 26, 2017 /EINPresswire.com/ -- Nor-Tech just announced fully customizable workstations integrated with a range of applications such as AutoCAD. These are the most efficient, effective and high performing workstations available. Nor-Tech's Voyageur-branded workstations feature:

1. Purpose Built. Workstations can be tailored to a particular industry or function to optimize productivity and results and reduce time needed to complete tasks.

2. Cost/Performance. While the investment in a workstation is typically more than that of a standard desktop, the increased ROI gained by using a purpose built, more powerful, higher performance system reduces the cost of doing business and improves productivity.

3. Power. Voyageur workstations can be optimized to handle tasks such as animation, data analysis, CAD, video and audio creation and editing, and even some simulations; they can support multiple professional-grade graphics cards. Even an entry-level workstation can be configured with about twice the memory of a desktop.

4. Durability. Each part (motherboard, CPU, RAM, internal drives, video cards, etc.) is typically more robust than desktop components and is selected with the expectation that users need peak performance 24/7/365.

5. Speed. Speed gains can be significant; for example the same file that opens in 15 seconds on a desktop can open in as little as two seconds on a workstation.

6. Flexibility. Voyageur workstations can be configured with more processors than a PC–and processors that are more powerful. They can run up to eight high-end graphics cards for CUDA or OpenCL computations or even use Intel Phi co-processors all for parallel computing. RAID

configurations or massive amounts of memory, enterprise-class SSD drives and more are available.
7. Expandability. Voyageur workstations are designed from the ground up to make it easy to add hard drives, increase RAM, add graphics cards, etc. and maximize ROI.

Applications that can be integrated include 3DS MAX, Maya, Cinema 4D, V-Ray, KeyShot, Adobe Creative Cloud, Revit, Navisworks, Inventor, SOLIDWORKS, CATIA, AutoCAD, etc.
Nor-Tech President and CEO David Bollig said, "Most people know Nor-Tech as an HPC cluster builder, but we actually started in workstations. In fact, it was the high regard for our workstation engineering expertise that allowed us to enter and establish a significant footprint in the HPC market so quickly."
Nor-Tech designs and builds workstations relied on by industry leaders—from architects to product designers to financial traders to medical/research professionals, to software designers and engineers. With the latest enhancements and the incorporation of solid-state drives (SSDs), caches and ultra-high performance video cards, Nor-Tech's Voyageur workstations are extremely powerful and easy to deploy. Solutions range from ultra-compact to mobile to some of the most advanced workstations in the world.
All Nor-Tech workstations can support a variety of operating systems; however the company's engineers work primarily with Windows and Linux for top performance, flexibility, and reliability. They also work closely with partners to ensure the highest level hardware and software quality. For more information visit: https://www.nor-tech.com/solutions/nor-techs-high-performing-workstations/.
Nor-Tech is on CRN's list of the top 40 Data Center Infrastructure Providers along with Dell, HPE and Lenovo; and is a cluster builder for 2015 and 2017 Nobel Physics Award-winning projects. Nor-Tech is renowned throughout the scientific, academic, and business communities for easy to deploy turnkey clusters and expert, no wait time support. Two Nor-Tech HPC cluster clients have won Nobel Physics Prizes (2015 and 2017). 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/. Media Contact: Jeanna Van Rensselar, Smart PR Communications; jeanna@smartprcommunications.com.

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