High Performance Servers, Clusters with Intel VROC RAID Solution from Nor-Tech

Nor-Tech is offering HPC servers and clusters expertly integrated with Intel VROC--an enterprise, hybrid RAID solution.

MINNEAPOLIS, MINN., U.S., September 23, 2020 /EINPresswire.com/ -- Nor-Tech, the leading experts on Linux-based high-performance technology solutions, is offering HPC servers and clusters expertly integrated with Intel VROC--an enterprise, hybrid RAID solution, specifically designed for NVMe SSDs connected directly to the CPU.

VROC (virtual RAID on CPU) offers low latency, scalability and ultra high bandwidth. It delivers compelling RAID performance that unleashes the full potential of NVMe drives without the need for additional hardware.

> “Intel is better than anyone else at consistently innovating value add solutions for their infrastructure components. As with VROC, they see a need and quickly accommodate it.”
>
> *Nor-Tech Executive Vice President Jeff Olson*

Key Benefits include:

- Frees performance potential of NVMe SSDs in RAID arrays
- Enterprise level RAID data protection
- Scalable RAID for growth on demand
- Supports up to 24 NVMe SSDs directly attached to CPUs on a dual socket server
- Provides support for rich management tools for easy maintenance

A single Intel Xeon Scalable processor using Intel VROC is capable of supporting up to 12 NVMe SSDs directly attached to the CPU, and up to 6 RAID arrays. On dual socket system configurations, that amount doubles.

VROC allows data center administrators to create and delete RAID volumes in both pre-OS and OS environments. RAID settings can be configured with either a user interface or command line.

With support for surprise hot-plug, there is no need to reboot the server to replace a failed drive. VROC also protects data during a power loss, without backup power, using patent-pending journaling.
All of this means:
•Quicker Access To Data
•Faster Decision Making
•Increased Productivity
•Faster ROI

Nor-Tech Executive Vice President Jeff Olson said, “Intel is better than anyone else at consistently innovating value add solutions for their infrastructure components. As with VROC, they see a need and quickly accommodate it—there isn’t anything else comparable to VROC on the market today.”
Nor-Tech is on CRN’s list of the top 40 Data Center Infrastructure Providers along with IBM, Oracle, Dell, and Supermicro and is also a member of Hyperion Research’s prestigious HPC Technical Computing Advisory Panel. The company is a high performance computer builder for 2015 and 2017 Nobel Physics Award-contending/winning projects. Nor-Tech engineers average 20+ years of experience. This strong industry reputation and deep partner relationships also enable the company to be a leading supplier of cost-effective Lenovo desktops, laptops, tablets and Chromebooks to schools and enterprises. All of Nor-Tech’s high performance technology is developed by Nor-Tech in Minnesota and supported by Nor-Tech around the world. The company is headquartered in Burnsville, Minn. just outside of Minneapolis. Nor-Tech holds the following contracts: Minnesota State IT, GSA, University of Wisconsin System, and NASA SEWP V. To contact Nor-Tech call 952-808-1000/toll free: 877-808-1010 or visit https://www.nor-tech.com. Full release at: https://www.nor-tech.com/category/news/. For media inquiries, contact Jeanna Van Rensselar at Smart PR Communications; jeanna@smartprcommunications.com 630-363-8081.

Jeanna Van Rensselar
Nor-Tech
6303638081
email us here
Visit us on social media:
Facebook
Twitter
LinkedIn

we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.