Free, No Strings AMD EPYC trial offered by Nor-Tech

Nor-Tech just announced the addition of AMD EPYC to its free, no-strings demo HPC supercomputer.

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— Nor-Tech Executive Vice President Jeff Olson

MINNEAPOLIS, MINN., U.S., September 11, 2018 /Nor-Tech just announced the addition of AMD EPYC to its free, no-strings demo HPC computer. While the Nor-Tech trial is imminently available; AMD has a waiting list of about six weeks to trial EPYC on its device.

Nor-Tech Executive Vice President Jeff Olson said, "From what we have seen so far, EPYC is a game-changer in terms of performance and price. The reviews and initial use-cases have been spectacular. It's been over a year since this product was first introduced and there seem to be no major issues."

The EPYC platform delivers four features that were lacking in the server market -- flexible configurations, an open ecosystem, platforms optimized for today's workflows and a lower total cost of ownership. Features and benefits include:

- Up to 32 high-performance Zen cores
- Single- and dual-socket support
- Eight DDR4 channels per CPU
- Up to 2TB RAM per CPU
- Infinity Fabric for both die-to-die and socket-to-socket interconnect
  128 PCIe lanes
- Dedicated security subsystem, including Secure Memory Encryption (SME) specifically designed to protect virtual machines and containers from each other
- Integrated chipset
- Socket-compatible with next-gen EPYC processors

Since each EPYC processor can support up to 2TB of DDR4 RAM over eight channels, and has 128 PCIe lanes, the platform has over 2-1/2X the I/O density of the closest competing processors. EPYC is an excellent choice for CFD-applications in particular since it has more memory bandwidth than competing products.

Nor-Tech's demo HPC computer is a no-cost, no-strings opportunity for current and prospective clients to test-drive simulation applications on a cutting-edge Nor-Tech HPC computer. It is also integrated with other high demand utilities such as Intel Xeon Skylake, Intel Omni-Path, and Mellanox InfiniBand installed and configured. Users can also integrate their existing platforms into the technology.

Nor-Tech's HPC technology is backed by the company's easy to deploy pledge, no-wait-time support guarantee, and a team of HPC experts. Long-term HPC clients include some of the largest organizations in the world representing sectors that include: higher education, research, manufacturing, healthcare, bio-pharmaceuticals, energy, automotive, aerospace, etc.

Nor-Tech is on CRN's list of the top 40 Data Center Infrastructure Providers along with IBM, Oracle, Dell, and Supermicro; and is a high performance computer builder for 2015 and 2017 Nobel Physics Award-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: GSA, University of Wisconsin System, NASA SEWP V. 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.