

Benchmark Ansys Fluent on Intel Xeon and Nor-Tech HPC Cluster



NOR-TECH

People Friendly Technology

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MINNEAPOLIS, Feb. 16, 2021 -- **Nor-Tech**, the leading experts on Linux-based high-performance technology solutions, is offering a **free benchmark** of Ansys Fluent on the latest Intel Xeon processors integrated in an expertly engineered Nor-Tech cluster.

This is a no-cost opportunity to see how much faster applications will run on HPC technology when compared with a workstation; the benchmark will also include a downloadable report.

Ansys Fluent is the industry-leading fluid simulation software used to predict fluid flow, heat and mass transfer, chemical reactions and other related phenomena. Known for delivering the most accurate solutions in the industry without compromise, Fluent's ability to solve the widest range of problems makes it the best fluid simulation software on the market.

Fluent's advanced physics modeling capabilities include: cutting-edge turbulence models, multiphase flows, heat transfer, combustion, shape optimization, multi-physics and much more.

Fluent's performance is maximized with Intel's latest Xeon processors, which deliver outstanding, workload-optimized performance and built-in AI acceleration. This provides a seamless performance foundation to speed data's transformative impact to the intelligent edge. Intel's hardware-enhanced security prevents malicious exploits while maintaining workload integrity and performance. Encryption efficiency provides trusted data service delivery continuously.

Nor-Tech, an Ansys Partner, an Intel HPC Data Center Specialist and Intel Titanium Partner, integrates Intel's latest Xeon Scalable processors into high performance servers and clusters. By upgrading to a Nor-Tech cluster to run finite element analysis (FEA) and computational fluid dynamics (CFD) applications, organizations can achieve significant time and cost savings. The result is a comprehensive modeling and analysis solution that enables design engineering and research groups of all sizes to increase simulation productivity. In addition to being cost-effective, Nor-Tech's clusters integrated with Intel Xeon processors are refreshingly simple to use.

Nor-Tech Executive Vice President Jeff Olson said, "Some organizations continue to get by with workstations, not realizing just how transformative an HPC cluster will be in terms of speeding time to market and outpacing competition. This is a great opportunity to quantify these advantages before making a commitment."

For more information visit: <https://www.nor-tech.com/leading-edge/ansys/>

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 complete high performance computer solution provider 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 Rensselaar at Smart PR Communications; jeanna@smartprcommunications.com 630-363-8081.