Intel® Software Development Products Win HPCwire Awards


“HPCwire goes through a very thorough process to get feedback from the community that we serve on who they think the impact makers are each year,” said HPCwire senior editor Tiffany Trader. “Once we’ve determined the nominations, based on community feedback, we put it out to our readers, who engage and tell us who they think are making the biggest impacts in the various award categories.”

Trader said HPCwire, a portal for science, technology, and business professionals interested in high performance and data-intensive computing, strives for objectivity in choosing candidates and award recipients. “Obviously, as an editorial group, we want to be careful not to endorse any one solution over another,” she said.

“We recognize Intel as a dominant figure in the HPC ecosystem with a portfolio of tools that play a significant role in addressing the needs of the community,” Trader explained. “Clearly, Intel is doing important things in parallel computing and HPC and getting attention for it from those out in the industry.”
Winner of the Best HPC Software Product or Technology – Editor’s Choice:
**Intel® Parallel Studio XE Cluster Edition – High Performance MPI Hybrid Cluster Development Tool Suite**

Intel® Parallel Studio XE Cluster Edition simplifies and speeds HPC and cluster application development, debug, and tuning. This advanced, comprehensive **C++ and Fortran** tool suite helps scale development efforts with standards-driven compilers, programming models, and tools. These tools accelerate performance with built-in, intuitive parallel models, vectorization support, multifabric MPI library, and advanced MPI error checking and profiling.

Winner of the Best HPC Cluster Solution or Technology – Reader’s Choice:
**Intel® MPI Library**

Intel® MPI Library 5.0 focuses on making applications perform better on Intel® architecture-based clusters—implementing the high performance Message Passing Interface Version 3.0 specification on multiple fabrics. It enables maximum end user performance even with changes or upgrades to new interconnects, without requiring changes to the software or operating environment.

Intel® MPI Library 5.0 is part of Intel® Parallel Studio XE Cluster Edition.

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