

## PRESS RELEASE

For Immediate Release

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### **Symmetric Computing Announces Quartet™ and Quintet™**

*The Quartet and Quintet join the Solo™, Duet™ and Trio™ to complete the Direct Connect family of DSMP™ systems.*

**November 19, 2014 Boston, MA** - [Symmetric Computing, Inc.](http://www.symmetriccomputing.com), announced the Quartet and Quintet, the newest members of the Direct Connect family of DSMP systems. Designed for software applications requiring large shared memories and high core counts, these two new members of the Symmetric Computing's direct connect family extend its capability to 256 cores / 4 TB RAM and 320 cores / 5TB RAM. This patented architecture combines new operating system extensions with a high speed interconnect to achieve a global distributed shared memory with an average latency of 5 to 10 microseconds at a very economical cost (systems range under \$85,000 to \$256,000).

The Direct Connect family utilizes a direct point to point connection between each nodes NIC. Eliminating the network switch lowers the system cost. There are five members in the family: the Solo, Duet, Trio, Quartet and Quintet. The largest member the Quintet has five nodes providing 320 cores in a single 5TB address space.

The Direct Connect family of supercomputers are scalable, shared memory computer systems ideal for solving big problems using big data. The affordable large shared memory computers provided by Symmetric Computing offer the simpler programming methods of mainframes and high end shared memory supercomputers with the lower cost economics of traditional commodity computer clusters.

The large system memory and programming simplicity of SMP supercomputers is critical. Researchers, scientists and engineers want to focus on their specialty not the complexity of programming clusters of limited memory computers. To programmers, the Direct Connect family supercomputers look just like a single huge-memory Linux box. Programmers can use standard threading packages to access all CPUs and memory. With Symmetric Computing, engineers and researchers can focus on solving the problems they really want to and can stop wasting their time with overly complex programs.

According to Richard Anderson, President and CTO of Symmetric Computing, "We've achieved what many have said is not possible, which is to deliver a large shared memory/high core count HPC supercomputer which a department budget is able to afford. With our product, the time to market and economic viability is a game changer for Bioinformatics, Engineering Modeling/Simulation and Big Data applications."

For more information, please visit our website at [www.symmetriccomputing.com](http://www.symmetriccomputing.com) or contact us at [info@symmetriccomputing.com](mailto:info@symmetriccomputing.com).

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## **About Symmetric Computing**

Symmetric Computing provides large shared memory/high cluster count High Performance Computing (HPC) at an affordable, department level price. Comparable HPC solutions are either outside the financial resources of all but the largest government supported supercomputer organizations and current on-demand HPC-like services are either not capable of large shared memory support or are unaffordable for those needing large shared memory HPC capacity for ongoing engagements. By providing massive computational power at an affordable price, Symmetric Computing supercomputers are driving advancements in research, simulations and modeling activities for industries ranging from Bioinformatics to Energy to Financial Services and Big Data applications.