

Aurora. Some have more power™



Intelligent Performance	Intel® Xeon® 5500 series CPUs – Solid State Disk – Programmable accelerator
Scalability	100GFLOPS/Node – 24TeraFLOPS/rack – 1PetaFLOPS in 42 racks
Unified Network Architecture	60Gbps 3D torus – QDR Infiniband – Sub μ s memory to memory latency
Computational Efficiency	Synchronization networks – Reconfigurable network processor
Energy Efficiency	Liquid cooling – As much as 60% energy savings
Compatibility	Full x86 compatibility – Optimized MPI libraries
Reliability	ServNet® – No moving parts
Availability	Redundant – Hot Swap – Zero knowledge replacement

Energy Efficiency: Liquid cooling – As much as 60% energy savings

ional density and dramatically lowering the total cost of ownership. Direct liquid cooling cuts operating costs being much more efficient and compact compared to traditional air and air-liquid hybrid approaches. Aurora liquid cooling infrastructure is fully integrated, for the highest level of compatibility with existing data centers.

Compatibility: Full x86 compatibility – Optimized MPI libraries

Reliability: ServNet® - No moving parts

Availability: Redundant – Hot Swap – Zero Knowledge Replacement
