

STELLA

Our supercomputer offerings have attracted interest from larger institutions at the highest level. For these customers we provide STELLA, our most powerful, scalable, GPU-embedded supercomputing solution. A near copy of our eSTELLA online cluster, any number of STELLA compute nodes can be purchased now or added later to an existing system.

In the institutional arena we represent **affordability** - pay for only what you want built, nothing more, nothing less; **scalability** - virtually unlimited ability to increase your compute power; and **agility** - we are always on the bleeding edge, and our systems upgrade easily to keep you there.

Please find our base system specifications below. Starting here, we make upgrades based on your specific computational requirements. Get exactly what you want, right here:

Base Systems Starting at \$49,000

(Prices may vary.)

Dimensions	41.5x21x20 in. / 508x533x1054 mm.
Weight	155.5 lb. / 70.5 Kg
Processor Support	(4) Intel 5650 [Up to 48 CPU Cores / Node]
Core Logic	Intel 5520 ICH10 [Dual PCIe I/O Controllers / Node]
Memory	48GB DDR3 1333 ECC [Up to 512GB / Node]
Expansion Slots	(16) x16 PCIe 2.0 [(4) x16 PCIe 2.0 / Node]
CUDA Support	(8) Nvidia Tesla C2050 [Up to 3 C2050s / Node]
Storage	3TB 8HDD SATA RAID 5 w/ 1 Hot-Swap
LAN	(2) 1Gb/s Ethernet – Public Net / Private Net
Network Interconnect	8 Port Switch + 4 Single Port InfiniBand QDR HCA
OS Support	CentOS, Scientific Linux, RHEL + CUDA IDE (Eclipse-based) + TORQUE + GANGLIA Others available upon request.
UPS (Optional)	(2) 2400 KVA 9130-2kW
Extras	Peripherals / Drives / Ports built to your specifications.