

LIMULUS™ SYSTEMS

DESK-SIDE COMPUTATIONAL APPLIANCES

HPC
DATA ANALYTICS
DEEP LEARNING

Limulus personal cluster appliances are the perfect solution for education, software development, project feasibility, and production workloads. These low cost and high performance systems are designed for office and classroom/lab settings where low noise, power, and heat are required. All systems are delivered fully installed, ready run, and provide a portable/mobile solution that can be expanded to a larger cluster. All Limulus systems share the following features:

- Optimized cluster design (4-8 motherboards)
- Complete Linux based turn-key operation
- Low power, low noise, high performance
- Low cost with expandability
- Single wall plug with remotely powered nodes
- All nodes with keyboard, monitor, power access
- Scalable (connect units for larger cluster)
- All internal GbE switching
- Removable/upgradable storage
- Hardware and software support options

HPC APPLIANCES (HPC SERIES)

- 24-48 Intel® core options (four or eight motherboards)
- Memory options from 64G to 512G (ECC option available)
- Fully installed HPC software stack (Open HPC compatible)
- Low Latency 10 GbE option
- SSD and spinning storage options
- Diskless nodes

DATA ANALYTICS APPLIANCES (HADOOP SERIES)

- 24-48 Intel® core (48-96 threads) options (four or eight motherboards)
- Memory options from 80G to 512G (ECC option available)
- Fully installed and configured Hadoop/Spark software stack
- Low latency 10 GbE option (standard on some models)
- SSD (Hadoop storage) 2TB-32TB
- HDD storage: 8TB-20TB

DEEP LEARNING APPLIANCES (DL SERIES)

- 12-24 Intel® core options (two or four motherboards)
- Memory options from 32G to 256G
- Two to four NVIDIA® GTX 1080(ti)
- HDD storage: 16TB-40TB
- SSD storage: 2TB - 8TB (Local CacheFS for nodes)
- Low Latency 10 GbE
- Full suite of software including TensorFlow, Caffe(2), Torch, with NVIDIA® Digits



Open MPI

MPICH 2



PRICING, DETAILS, AND SPECIFICATIONS AT [HTTP://BASEMENT-SUPERCOMPUTING.COM](http://BASEMENT-SUPERCOMPUTING.COM)