LIMULUS™ SYSTEMS

DESK-SIDE COMPUTATIONAL APPLIANCES

HPC
DATA ANALYTICS
DEEP LEARNING

*Limulus personal cluster appliances are the perfect solution for **education**, software development, **edge computing**, and production workloads. These low cost and high perforamnce systems are designed for office and classroom/lab settings where low noise, power, and heat are a necessity. All systems are fully installed and ready run and provide a portable/mobile solution that can be expanded to a larger cluster. All Limulus systems have 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 keyboard, monitor, power access
- Rack mount option (connect units for cluster)
- All internal GbE/10 GbE switching
- Removable/upgradable storage
- Hardware and software support options

HPC APPLIANCES (HPC SERIES)

- 24-48 Intel cores @ 3.7 GHz (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
- Diskless nodes

DATA ANALYTICS APPLIANCES (HADOOP SERIES)

- 24-48 Intel cores @ 3.7 GHz w/ 48-96 threads (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-64TB
- HDD storage: 8TB-24TB

DEEP LEARNING APPLIANCES (DL SERIES)

- 12-24 Intel core options (two or four motherboards)
- Memory options 32 to 256G
- Two to four Nvidia GTX 2080(ti)
- HDD Storage: 8TB-24TB
- SSD Storage: 2TB - 8TB (Local CacheFS for nodes)
- Low Latency 10 GbE
- Full suite of Software including TensorFlow, Caffe(2), Torch, with NVidia Digits

PRICING, DETAILS, AND SPECIFICATIONS AT HTTP://BASEMENT-SUPERCOMPUTING.COM

BASEMENT SUPERCOMPUTING

NO DATA CENTER NEEDED