

LIMULUS COMPUTING™

DESK-SIDE COMPUTATIONAL APPLIANCES

HPC DATA ANALYTICS INFERENCE

Limulus personal cluster appliances are the perfect solution for **education**, software development, **edge computing**, 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 important. All systems are fully installed ready to 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 **commodity pricing** with expandability
- **Single wall plug** with remotely powered nodes
- Individually **removable uATX blades**
- Rack mount option (connect units for a cluster)
- All **internal network** switching
- Removable/upgradable storage
- Hardware and software **support options**

HPC APPLIANCES (HPC SERIES)

- 24-64 AMD® cores @3.6 GHz (Intel® upon request)
- Memory options from 64G to 512G (ECC standard)
- Fully installed HPC Software stack (Open HPC compatible)
- Low latency 10 GbE option (TCP single byte latency <11 µsec)
- NVMe SSD (512GB) and spinning storage (12-84TB)
- Diskless nodes

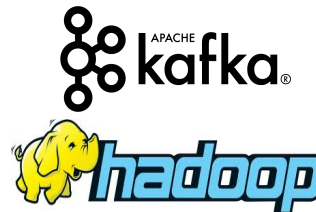


DATA ANALYTICS APPLIANCES (HADOOP SERIES)

- 24-64 AMD® cores @3.6 GHz w/ 48-128 threads (Intel® upon request)
- Memory options from 80G to 512G (ECC standard)
- Fully installed and configured Hadoop/Spark Software stack
- Low Latency 10 GbE option (standard on some models)
- SSD (Hadoop Storage): 2-64TB
- HDD storage: 12TB-84TB

EDGE INFERENCE APPLIANCES (EI SERIES)

- 12-32 AMD® core options (two or four motherboards)
- Memory options 32 to 256G (ECC standard)
- Two to four Nvidia GTX 2080(ti)
- HDD: 8TB-28TB, SSD: 2TB-8TB (Local CacheFS for nodes)
- Low Latency 10 GbE (TCP single byte latency <11 µsec)
- Full suite of Software including TensorFlow, Caffe(2), Torch, with NVidia Digits



Pricing, Details, and Specification at LIMULUS-COMPUTING.COM

LIMULUS COMPUTING™

**NO DATA
CENTER
NEEDED**

We welcome qualified distributors: info@limulus-computing.com
Specifications subject to change (2020-01)

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