

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**

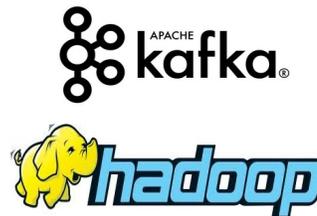
HPC APPLIANCES (HPC SERIES)

- 24-96 AMD® Zen4 cores up to 4.4 GHz, w/ 104 MB X3D cache (Intel® upon request)
- Memory options from 64G to 1024 G (DDR5 ECC)
- Fully installed HPC Software stack (Open HPC compatible)
- Low latency 25 GbE option (TCP single byte latency <11 µsec)
- NVMe SSD (512GB+) on login host
- Fast booting diskless nodes
- Optional HDD storage: 8TB-140TB RAID6
- Optional Redundant Power Supply



DATA ANALYTICS APPLIANCES (HADOOP SERIES)

- 24-96 AMD® Zen4 cores up to 4.4 GHz w/ 48-256 threads, w/ 104 MB X3D cache (Intel® upon request)
- Memory options from 80G to 1024G (DDR5 ECC)
- Fully installed and configured Hadoop/Spark Software stack
- Low Latency 25 GbE option (standard on some models)
- NVMe SSD (512GB+) on each node
- Hadoop HDFS: SSD 2-64TB or HDD 32-112TB
- Optional HDD storage: 8TB-170TB RAID6
- Optional Redundant Power Supply



Pricing, Details, and Specifications at [LIMULUS-COMPUTING.COM](https://limulus-computing.com)

LIMULUS COMPUTING™

**NO DATA
CENTER
NEEDED**

We welcome qualified distributors: info@limulus-computing.com
Specifications subject to change (2023-10)

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