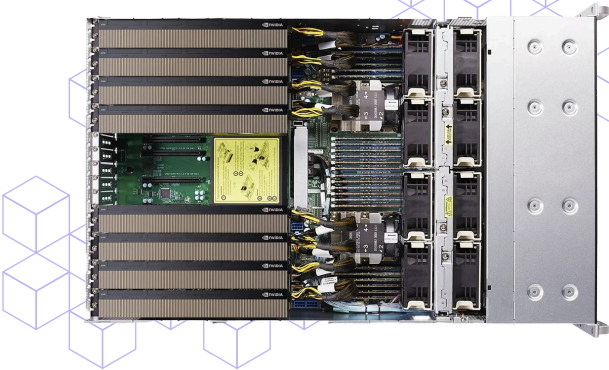




Lambda Scalar 5U

8 NVIDIA® H200 NVL Tensor Core PCIe GPUs with NVLink®
NVIDIA RTX PRO 6000 Blackwell Server Edition coming soon!

Configure your Scalar ↗



TECHNICAL SPECIFICATIONS

GPU DETAILS

Up to 8 NVIDIA H200 NVL NVL Tensor Core GPUs (141GB PCIe Gen5)

PROCESSOR

2x AMD EPYC™ processors

SYSTEM RAM

2304 GB DDR5

STORAGE

Up to 8x 30.72 TB NVMe

NETWORK INTERFACE

Expandable with NVIDIA InfiniBand NDR
400 Gb/s NICs

8 H200 NVL GPUs offer 32 petaFLOPS of performance

Eight NVIDIA H200 NVL GPUs interconnected with NVLinks allow the Scalar 5U to serve up to 32 petaFLOPS of FP8 performance for unprecedented acceleration of today's most demanding AI tasks.

Engineered for your workflow and workloads

With Lambda servers, you get the world's best compute hardware backed by the expertise of experienced AI engineers. You get a total system designed, optimized, and ready to use for your specific deep learning workloads.

Enterprise-class support

Focus on research and development, not Linux system administration and hardware troubleshooting. Lambda takes care of the details, providing optional parts depots in your data center as well as on-site parts replacement services to minimize downtime.

Pre-installed with the software you need

Each Lambda machine is pre-installed with Lambda Stack, which includes everything you need to start training neural networks.

PyTorch TensorFlow Keras NVIDIA



Lambda Scalar 5U

GPU

Supports 8 full-length double-width PCIe 5.0/4.0 ×16 cards with up to quad GPU NVLink interconnect

NVIDIA® H200 NVL

Coming soon: NVIDIA RTX PRO 6000 Blackwell Server Edition

CPU

2x AMD EPYC Processors

- AMD EPYC 9005 (Genoa) Series Processors with up to 192 cores total

MEMORY

AMD:

- 2304 GB DDR5
- 24 DIMM slots

POWER SUPPLY

Up to 6x n+n redundant 2700W 80 Plus Titanium power supplies

STORAGE

Up to 8× 30.72 TB NVMe hot-swap U.2 bays

NETWORKING

Integrated 2× 10 GbE RJ45

Optional: Up to 1x NVIDIA ConnectX-7 InfiniBand/Ethernet 400 Gb/s PCIe NIC (dual-port)

IPMI

IPMI 2.0 with virtual media over LAN and KVM-over-LAN support

FORM FACTOR

5U Rackmount with Rackmount Kit (assembly required)

INPUT/OUTPUT

2× 10 GbE RJ45 LAN ports

1× 1 GbE RJ45 Dedicated IPMI LAN port

2x USB 3.0 ports

1x VGA connector

SOFTWARE

Ubuntu

Lambda Stack with CUDA, cuDNN, TensorFlow, PyTorch, Keras

DIMENSIONS

17.32" (H) x 28.34" (W) x 42.51" (D)

H 222.5 mm x W 437 mm x D 737 mm

COMPLIANCE

RoHS Compliant

TAA Compliant

PSU: 80 Plus Titanium, CE mark

SYSTEM POWER

200V and above required

Cables: 8x PWCD, US/EU/Canada/China/Australia, IEC60320 C20 TO C19, 4FT

OPERATING CONDITIONS

10°C ~ 35°C (50°F ~ 95°F) and 8% to 90% humidity

Non-operating: -40°C to 60°C (-40°F to 140°F) and 5% to 95% humidity

WARRANTY & SUPPORT

Up to 5 years of hardware coverage, plus technical support from Lambda engineer