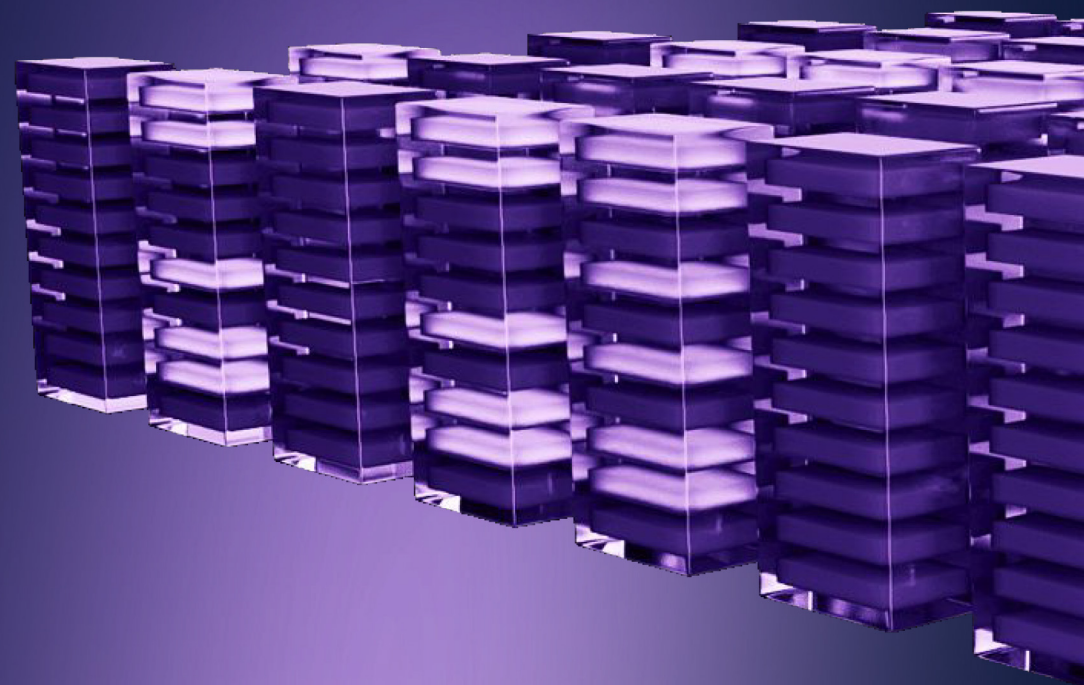


Building GPU Clouds for the AI Era



AI Synergy: Lambda GPU Cloud and VAST Data Platform

Lambda, an NVIDIA Elite Cloud Solutions Provider, was founded in 2012 with a singular focus on creating the best cloud for training AI. Recognizing that AI would transform every industry, Lambda set out to solve the complexity of AI and datacenter-scale computing. The result is a public cloud designed for training LLMs and Generative AI, built on NVIDIA GPUs, that optimizes every component to drive efficiency and reliability. Customers from the Fortune 500 to government and leading research organizations are adopting Lambda's GPU Cloud to accelerate their AI initiatives.

The Data Foundation for the Future of AI

To build an optimal cloud offering for modern AI, Lambda leveraged the VAST Data Platform as the foundation for its GPU Cloud. VAST offers the performance and scalability needed for AI, along with the enterprise-class and multi-tenant capabilities necessary for a public cloud offering.

In addition to HPC levels of performance, VAST uniquely delivers non-stop operations, secure multi-tenancy, zero-trust networking, and robust QoS capabilities. Combined with VAST's revolutionary data reduction technology, Lambda delivers an all-flash offering with uncompromising performance and cost-competitiveness. As a result, Lambda customers benefit from faster model training, rock-solid availability and durability for a superior experience that delivers insights faster.

Why VAST?



HPC Performance with Enterprise Simplicity

- Performance and Scale for AI workloads



Secure Multi-tenant

- Zero trust architecture for data in flight and at rest
- QoS policies eliminates resource contention



Non-stop Operations

- Upgrades and expansions are always online and non-disruptive
- Support for mixed generations of hardware



Multiprotocol

- File and Object interoperability simplify data pipelines
- Unified security model



Global Namespace

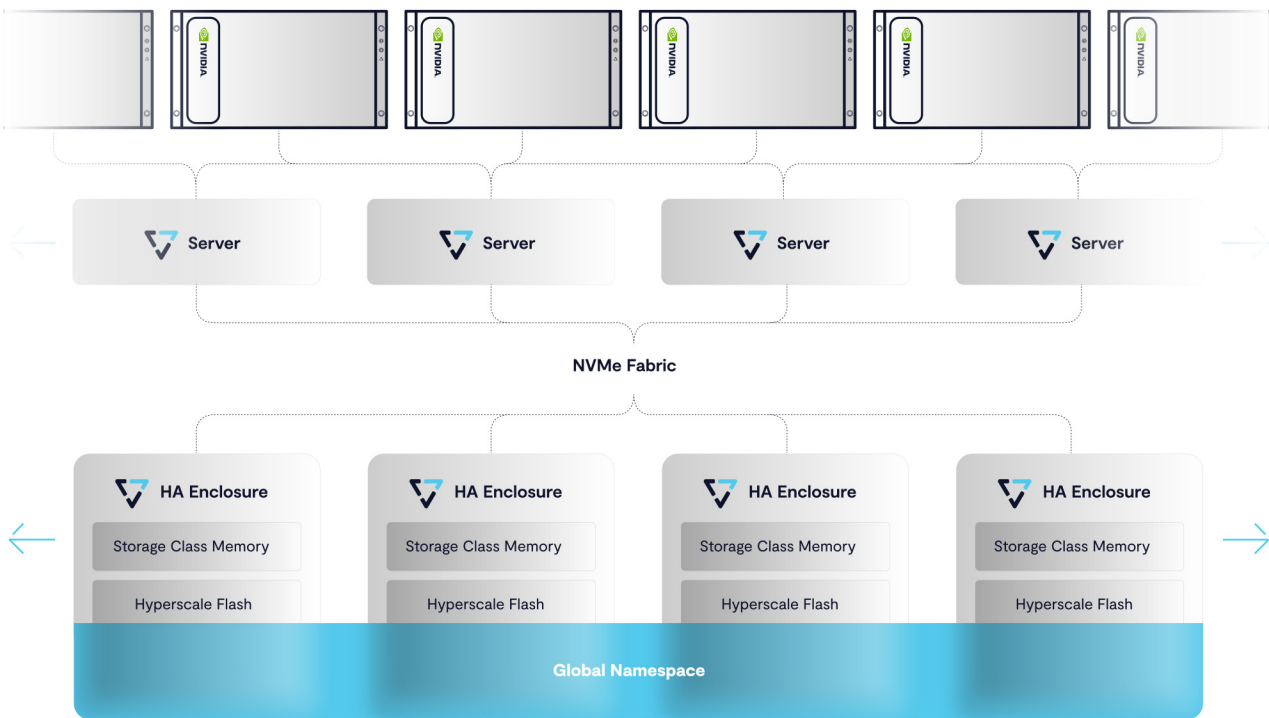
- Simplified multi-site and multi-cloud operations

Simplicity Drives Innovation

Lambda and VAST, as companies born in the age of AI, are free from the baggage of legacy technologies often retrofitted for AI workloads. The joint solution eliminates the complexity of tiering and silos by focusing on modern networking, compute, and storage technologies such as NVMe, RDMA and GPUDirect. Customers get access to all their data at full performance without the need to manage complex pipelines imposed by tiered solutions.

Zero Trust Foundation

Data centric customers trust Lambda and VAST with their most valuable data assets. Customers are often concerned about the privacy of their data when using the public cloud for their AI solutions, especially when training Generative AI and other models. The VAST Data Platform addresses these concerns since it is purpose built for secure multi-tenancy by encrypting data in-flight, at rest, and on a per-tenant basis; Customers can use their own encryption keys leveraging the latest KMIP (Thales Group CipherTrust Data Security Platform).



Trusted by Industry Leaders

VAST is trusted by leading companies around the world to leverage a single radically affordable all-flash innovative platform.



“We have found the VAST Data Platform to be the perfect balance of performance, features, and price structures.”

—Mitesh Agrawal

About VAST

VAST Data is the data platform software company for the AI era. Accelerating time-to-insight for workload-intensive applications, the VAST Data Platform delivers scalable performance, radically simple data management and enhanced productivity. Launched in 2019, VAST is the fastest-growing data infrastructure company in history.

Looking to simplify your data center and unlock insights from all of your data?

Contact us at hello@vastdata.com



Scan Here to Read more about how VAST Data and NVIDIA have joined forces to provide proven, replicable, and validated AI solutions that can benefit every organization.

