

Cisco EBox with VAST AI OS



AI Ready Data Management for Cisco AI PODs

The Cisco EBox running VAST AI OS helps you build AI infrastructure without the legacy tradeoffs between performance and capacity, resilience and efficiency, or scale and simplicity. Built on Cisco UCS for Cisco AI PODs, it adds high-performance, all-flash data management to Cisco's validated compute and networking foundation, helping keep GPUs fed for training, RAG, inference, and agentic AI workloads.

VAST's DASE architecture separates stateless compute from persistent flash, so compute and capacity scale independently, any node can access any data, and you avoid the metadata bottlenecks, node-bound silos, and disruptive rebalancing common in legacy designs. Universal storage extends that advantage with a single global namespace and multi-protocol access across file and object data, reducing copies, eliminating tiering complexity, and consolidating more workloads on one platform.

With the VAST AI Operating System, Cisco EBox supports high-throughput data access, structured data services, event-driven pipelines that bring compute to the data, and secure multitenancy with consistent governance. For Cisco hyperfabric AI, it strengthens a turnkey, cloud-managed AI stack with scalable storage, low-latency fabrics, and lifecycle automation. Cisco Intersight further simplifies UCS operations, while integrated observability and telemetry improve visibility across AI pipelines, data flows, and infrastructure health so you can move faster with less operational sprawl.

Turn AI data into faster, scalable business outcomes with Cisco EBox and VAST AI OS



Simplify AI Operations

Streamline full lifecycle automation across compute, storage, networking, and fabric



Validated Cisco Architecture

Deploy on a tested full-stack architecture built to scale enterprise AI with confidence



Single Point of Support

Get unified support from Cisco CX across the full AI infrastructure solution stack.

Type

Processor	Single AMD EPYC® 48-core, 9454P 2.75 GHz
Memory	384GB DDR5 DIMM @4800MT/s
Data Connectivity	NVIDIA® ConnectX® -7 (200G) or BlueField® -3 DPU (200G)
Mgmt Connectivity	1x 10 GbE
Boot Drive	2 x 960GB M.2 NVMe SSD
Storage Class Memory	Up to 5.76TB (configurations may vary)
QLC Flash	Up to 430TB (configurations may vary)
Management	Cisco Intersight via Integrated Management Controller (IMC)
VAST Certified Model	Cisco UCS C225 M8 1RU rack server

Storage

Capacity	Up to 430TB (raw) 380.39 TB (usable)
Overhead	2.67% with VAST locally-decodable erasure codes
Data Reduction	3.4:1 average real-world customer data reduction

