

# E1005

## AI Desktop Hyperconverged



As a desktop AI computing cluster in the E-Series, it integrates five blades, each independently providing computing and storage capabilities. Through a unique backplane design with Full-Mesh interconnect, it significantly enhances integrated storage, computing, and transmission performance. Ideal for smart manufacturing, healthcare, education, and SMEs.

### Technical Advantages



Full-Mesh Architecture



Data Security



Unified Namespace



High-speed Access



High Capacity



All-Flash



Cloud-Native Scalability



Local AI Training and Inference



Team Collaboration



Linux



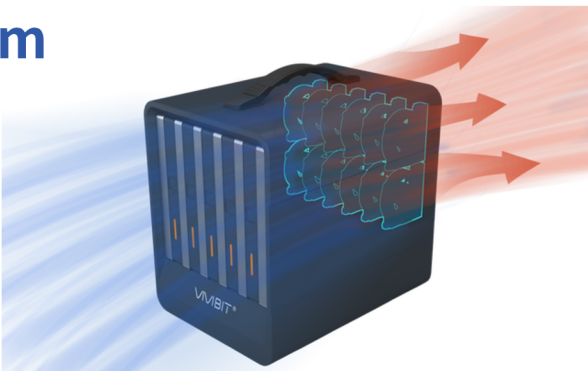
Custom OS



Mac OS

### Distributed Cooling System

- Maximum 180 CFM Airflow
- Max. 4 cooling fans per blade
- Auto-speed fans, whisper-quiet design
- Uniform airflow, ultra-low resistance



### System Specifications

Model	E1005
Node	5 x vBlade Max
Storage	1.8PB Max
CPU	ARMv9 Neoverse N2 120Cores
Memory	960GB DDR5 Max
AI Compute	1.5PFLOPS Max
VRAM	120GB Max
Power	2 x 550w

### Blade Specifications

Model	M108	M124
Storage	122.8TB Max	122.8TB Max
CPU	ARMv9 Neoverse N2 8Cores	ARMv9 Neoverse N2 24Cores
Memory	64GB DDR5 Max	192GB DDR5 Max
GPU	MX102/MX106	MX106
VRAM	20GB Max	20GB Max
AI Compute	80TFLOPS	306.8TFLOPS
High-Speed Transmission	4 x 50GbE	4 x 50GbE
LAN (RJ45)	2 x 10GbE	2 x 10GbE
PCIE	PCIe5.0	PCIe5.0
USB3	1 x Type-C 1 x Type-A	1 x Type-C 1 x Type-A