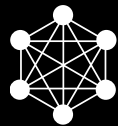


Next Generation Data Infrastructure




Full Mesh Architecture



Unified Namespace




Data Safety & Sharing



All Flash Storage



High Speed




Large Capacity

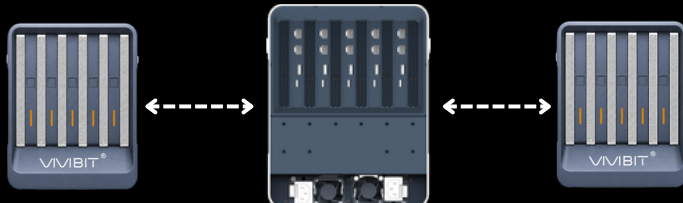
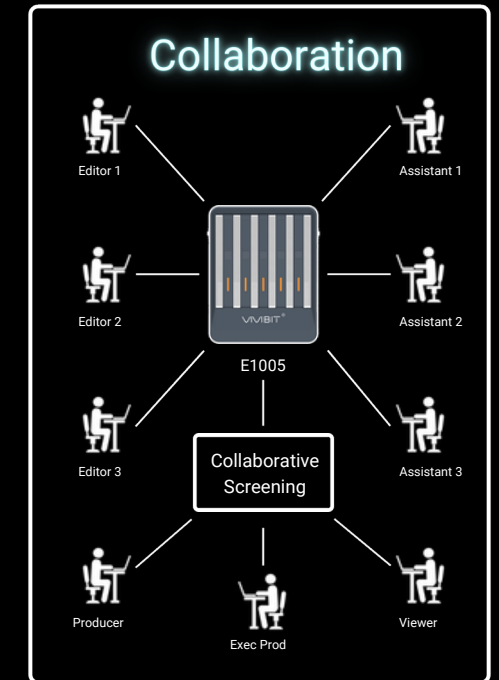


E1005 Desktop Data Infra Superpod

Local LLM
Integrated training and inference



Scalable
Cloud Native Architecture

8~120-Core ARM
Neoverse-N2




1 Tbps Full-Mesh Backplane
+
10x10GbE Rear Panel Ports

960GB
DDR5

1225TB NVMe
SSD U.2



Linux
Mac OS
Windows

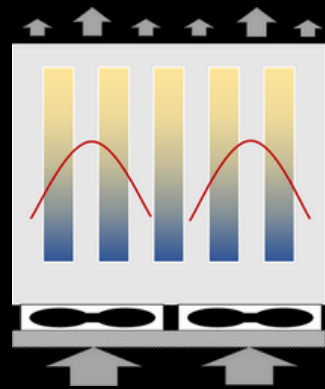
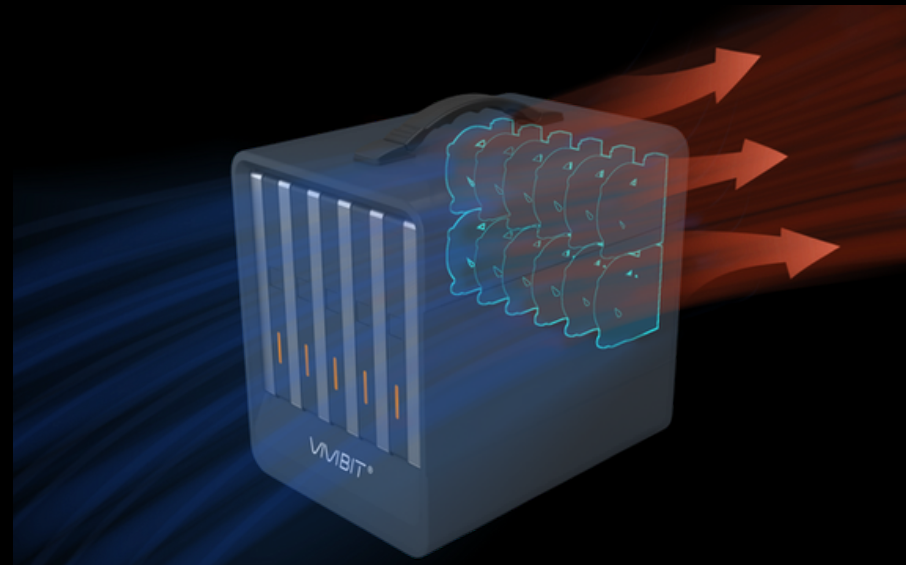


Professional
Data Safety



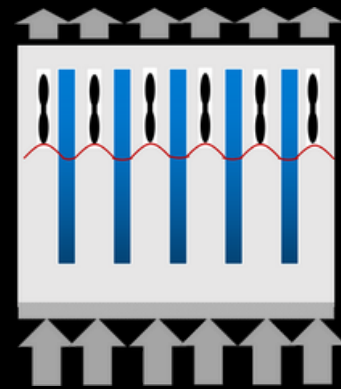
Distributed Thermal System

Maximum Airflow of 180 CFM
with Up to 4 Blowers per vBlade
Fan Speed Controlled On-Demand to Minimize Noise



Traditional Thermal System

- Unbalanced Air Flow
- High Air Resistance



E1005 Thermal System

- Evenly Distributed Air Flow
- Ultra Low Air Resistance

E1005 Specifications

E1005	Max Config
vBlades	5 × vBlades
Storage	1225TB
CPU	120-Core ARM Neoverse-N2
AI Performance	1.5 PFLOPS
GPU Memory	100GB
Power	2 × 800w



E1005

vBlade Specifications

vBlade (Max Config)	M108s	M108	M124
Storage	245TB	122.8TB	122.8TB
CPU	8-Core ARMv9 Neoverse-N2	8-Core ARMv9 Neoverse-N2	24-Core ARMv9 Neoverse-N2
Memory (Unified Addressing)	32GB DDR5	32GB DDR5	64GB DDR5
GPU	/	MX106	MX106
GPU Memory	/	20GB	20GB
AI Performance	/	306.8TFLOPS	306.8TFLOPS
High-speed Ethernet	4 × 50GbE	4 × 50GbE	4 × 50GbE
RJ45 Port	2 × 10GbE	1 × 10GbE	1 × 10GbE
PCIe	PCIe5.0	PCIe5.0	PCIe5.0
USB	1 × Type-C 1 × Type-A	1 × Type-C	1 × Type-C



E1005
vBlade