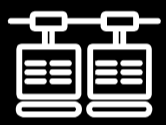


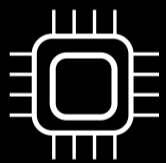
VIVIBIT[®]

E1005

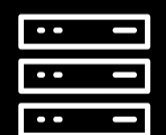
Desktop **Data** Infra SuperPod



High-Bandwidth
Full-Mesh Interconnect
Architecture



High Performance
120-Core ARM
Neoverse-N2



Massive Storage
Max 1.2PB SSD



**Ultra Fast AI
Computing Power**
Up to 1.5 PFLOPS



Next Generation Data Infra for AI Era

▶▶▶ Product Introduction

The E1005 is a 5-blade desktop computing cluster that delivers true hyper-convergence in a compact, office-friendly chassis. Each blade operates independently, with dedicated compute, storage, and networking, interconnected via a proprietary full-mesh 1 Tbps backplane — delivering massive unified memory and storage capacity, extreme low-latency performance, and seamless storage-compute-network convergence. Purpose-built for professional video production, collaborative teams, data analytics, and local AI training/inference.

▶▶▶ Product Capability



1.2 PB Raw
Video-optimized Storage



Multi-stream Transcoding
Instant Playback



On-device AI-driven Content
Discovery & Enhancement



Full-Mesh Interconnected
Blade Architecture



Enterprise-grade
Data Protection



Built-in
Local LLM Support

▶▶▶ Core Functions



Massive Video Archiving
High-reliability storage for 4K/8K+ workflows



Ultra-Fast Transfer:
1Tb/s Full-Mesh fabric for instant sharing & rendering hand-off



AI-Powered Search
Local LLM AI search (petabytes)



Data Security
Multi-layer security (backups)



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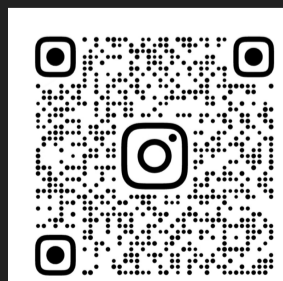
VIVIBIT Store
<https://store.vivibit.com>

	E1005
vBlades	5 × vBlade Max
Storage	1.2PB Max
CPU	120-Core ARM Neoverse-N2
RAM	960GB DDR5 Max
AI Performance	1.5 PFLOPS Max
VRAM	100GB Max
Power supply	2 × 800w Max



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	M108	M124
Storage	122.8TB Max	122.8TB Max
CPU	8-Core ARM Neoverse-N2	24-Core ARM Neoverse-N2
RAM	Max 64GB DDR5	Max 192GB DDR5
GPU Model	MX102/MX106	MX106
VRAM	20GB Max	20GB Max
AI Performance	80 TFLOPS	306.8 TFLOPS
High-speed Ethernet	4 × 50GbE	4 × 50GbE
RJ45 Port	2 × 10GbE	2 × 10GbE
PCIe	PCIe 5.0	PCIe 5.0
USB	1 × Type-C 1 × Type-A	1 × Type-C 1 × Type-A



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