

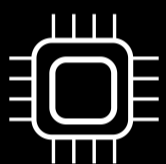
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# E1001

## Desktop **Data** Node



**Low-Power Consumption**  
≤100W



**High Performance**  
8-Core ARM Neoverse-N2  
Option GPU



**Massive-Capacity**  
Max Capacity 366TB



**High-Bandwidth**  
4×50GbE/2×100GbE



Next Generation Data Infra for AI Era

### ▶▶▶ Product Introduction

E1001 is a next-generation data infrastructure that packs a whisper-quiet, sub-100 W design, 200 Gbps high-speed fabric, an 8-Core ARM Neoverse-N2 SoC, and all-flash storage into an astonishingly small chassis. Optimized for storage-compute-network synergy, it delivers native low-latency data access, seamless on-device AI inference, and intelligent transport. This makes it the ideal private edge data infrastructure for real-time AI creative workflows, high-volume post-production, and latency-critical field deployments.

### ▶▶▶ Product Capability



366TB High-speed  
Local NVMe Storage



200GbE Ultra-Fast  
Data Transfer



Dual 10GbE + Wi-Fi  
Connectivity



Full On-device AI Inference



Real-time Multi-user  
Collaborative Editing



Enterprise-Grade  
Data Protection

### ▶▶▶ Core Functions



#### AI Creator Workstation

Local all-flash storage + low-latency access  
Tailored for designers and editors



#### Edge Computing Engine

Lightweight & low-power for retail, industrial,  
and on-prem workloads



#### Team Cloud

Unified namespace + multi-user collaboration  
cross-platform collaboration



#### Personal File Sync

Instant cross-device sync with built-in redundancy  
No slow transfers, no data loss



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5926 Laurel Creek Dr, Pleasanton, CA 94588, USA

**VIVIBIT TECHNOLOGIES INC.**  
1500-701 West Georgia St, Vancouver, BC V7Y 1C6, Canada

1-9255373434

info@vivibit.com



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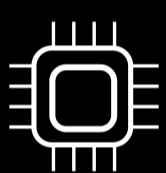
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# E1001 NX

## Desktop **Data** Node



**Low-Power Consumption**  
<100W



**High Performance**  
8-Core ARM Cortex-A78AE  
NVIDIA Jetson Orin NX 16GB



**Massive-Capacity**  
Max Capacity 366TB



**AI Performance**  
157 TOPS



Next Generation Data Infra for AI Era

### ▶▶▶ Product Introduction

The E1001 NX is a next-generation desktop AI workstation powered by NVIDIA Jetson Orin NX. It delivers up to 157 TOPS of AI compute performance in a whisper-quiet, sub-100 W chassis — paired with 366TB all-flash local storage, 10GbE high-speed networking, and full NVIDIA GPU acceleration in an ultra-compact desktop form factor. Built for creators and prosumers demanding blazing-fast, fully private, cloud-independent workflows.

### ▶▶▶ Product Capability



366TB High-Speed  
Local NVMe Storage



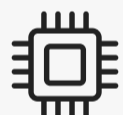
157 TOPS  
AI Performance



10GbE  
Network Port



≤18 streams 1080p@30fps  
Real-Time Video Codec



GPU Hardware Acceleration



Enterprise-Grade  
Data Protection

### ▶▶▶ Core Functions



#### Smart Media Search

Instant semantic search across photos, videos,  
and albums using natural language



#### AI Creative Assistant

On-device personalized helper



#### Camera Management

Home/security camera ingestion  
Real-time object detection & smart monitoring



#### Secure High-Speed Sync & Backup

High-speed file transfer + data redundancy backup:  
dual protection for security & efficiency



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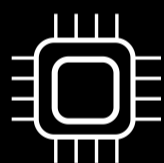
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# E1005

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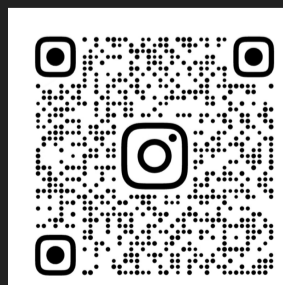
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|                | <b>E1005</b>             |
|----------------|--------------------------|
| vBlades        | 5 × vBlade Max           |
| Storage        | 1.2PB Max                |
| CPU            | 120-Core ARM Neoverse-N2 |
| RAM            |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



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|                     | <b>M108</b>              | <b>M124</b>              |
|---------------------|--------------------------|--------------------------|
| 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<br>1 × Type-A | 1 × Type-C<br>1 × Type-A |



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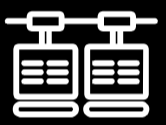


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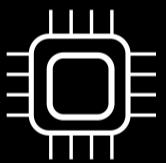
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# E1005 Pro

## Desktop **Data** Infra SuperPod



**High-Bandwidth**  
Full-Mesh Interconnect  
Architecture



**High Performance**  
70-Core ARM Neoverse-  
V3AE Processor



**Massive Storage**  
Max 1.2PB SSD



**Ultra Fast AI  
Computing Power**  
Up to 10 PFLOPS



Next Generation Data Infra for AI Era

### ▶▶▶ Product Introduction

The E1005 Pro is a 5-vblade desktop cluster. Each high-density blade integrates dedicated compute/storage, interconnected via a proprietary full-mesh non-blocking backplane. It delivers true hyper-convergence: 1.2 PB unified capacity, 10 PFLOPS aggregate AI compute performance, zero-latency storage-compute-network convergence. Purpose-built for 4K/8K+ post-production, large-scale analytics, on-premises 100B+ parameter model training, and real-time AI inference.

### ▶▶▶ Product Capability



1.2 PB-Class  
High-Capacity Storage



10 PFLOPS  
AI Performance



Ultra Fast  
AIGC Performance



640GB Blade-To-Blade Unified  
Memory Pool



100B+ Parameter Local LLM  
Deployment



Enterprise-Grade Team  
Collaboration

### ▶▶▶ Core Functions



**Ultra-Large 4K/8K Media Vault**  
Store 100M+ videos & 1200B+ photos



**AI-Powered Media Library**  
Auto face/scene tagging  
1-click photo recovery



**100% Offline AI Assistant**  
Private chat, scheduling & personalized tips



**Live Multi-Device Vlog Workflow**  
Automatic face/scene recognition with  
one-click AI restoration and enhancement



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|                | E1005 Pro                 |
|----------------|---------------------------|
| vBlades        | 5 × vBlade Max            |
| Storage        | 1.2PB Max                 |
| CPU            | 70-Core ARM Neoverse-V3AE |
| RAM            | 640GB DDR5 Max            |
| AI Performance | 10 PFLOPS Max             |
| VRAM           | 640GB Max                 |
| Power supply   | 2 × 800w                  |



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|                   | M112                         | M114                         |
|-------------------|------------------------------|------------------------------|
| Storage           | 245TB Max                    | 245TB Max                    |
| CPU               | 12-Core ARM<br>Neoverse-V3AE | 14-Core ARM<br>Neoverse-V3AE |
| RAM               | 128GB                        | 128GB                        |
| GPU               | MX110                        | MX111                        |
| VRAM              | 128GB                        | 128GB                        |
| AI Performance    | 1.2 PFLOPS                   | 2 PFLOPS                     |
| High-speed Fabric | 3 × 25GbE                    | 4 × 25GbE                    |
| RJ45 Port         | 1 × 10GbE                    | 1 × 10GbE                    |
| PCIe              | PCIe 5.0                     | PCIe 5.0                     |
| USB               | 1 × Type-C<br>1 × Type-A     | 1 × Type-C<br>1 × Type-A     |



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