# VIVIBIT®

# E1001

## Desktop Data Center

**Low-Power Consumption**
＜100W

**High-Performance**
8-core Arm v9 Neoverse N2
Optional GPU

**Massive-Capacity**
Max Capacity 180TB

**High-Bandwidth**
4x50GbE/2x100GbE

VIVIBIT®

USB

Next Generation Data Infra for AI Era

# VIVIBIT®

**E1001** Desktop Data Infrastructure

## ▶▶▶ Product Introduction

Built for film production studios, this high-performance data infrastructure features an 8-core ARMv9 processor, 48GB DDR5 memory, and supports 180TB massive storage. Equipped with 4×50GbE/2×100GbE high-speed network interfaces, it meets multi-user collaborative editing needs. With robust GPU computing power and 32-channel 1080P concurrent video processing capability, it's an ideal choice for mid-sized film/TV teams.

## ▶▶▶ Product Capability

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|---|---|---|
| 180TB Massive Local Storage | AI computing power accelerates VFX rendering. | Concurrent multi-channel UHD video processing |
| 200GbE High-Speed Data Transfer | Real-Time Video Transcoding Processing | Multi-User Collaborative Editing Support |

## ▶▶▶ Core Application

**Multimodal Retrieval**
Supports text-to-image search, image-to-image search, and other multimodal retrieval.

**4K/8K Video Editing**
Supports smooth editing of hundreds of 4K/8K video streams

**Global Management of Film/TV Assets**
Supports second-level positioning of tens of millions of massive assets

**Multi-Camera Footage Sync Processing**
Supports multi-camera frame-level alignment with auto data backup to prevent downtime.