EXASCEND

Unlimited Storage: Reimagined

One after one, unlimited cloud storage services are limiting their offerings. Customers that demand ample space for their data and photographers who require near limitless space for their raw footage now need to look elsewhere for their file storage.

The solution is simple: NAS with Exascend SSD.

On-site NAS devices equipped with Exascend's fast high-capacity SSDs provide a blazing-fast alternative with virtually unlimited capacity – ensuring that the end of unlimited storage plans does not mean the end of your unlimited storage.

▶ **VIRTUALLY UNLIMITED CAPACITY**

▶ **EXTREME NVME PERFORMANCE**

▶ **SMARTER APPS AND FEATURES**

▶ **FACTORY DATA RECOVERY SERVICE**

Unbeatable speed and convenience

	All-flash array: NAS + Exascend SSD*	NAS + HDD + Exascend SSD* cache	NAS + HDD	Major cloud storage providers
Capacity	Virtually unlimited	Virtually unlimited	Virtually unlimited	Consumer: <1TB Enterprise: <1TB/user
Performance	Extreme	Fast	Medium	Slow
Cloud sync	Yes	Yes	Yes	Yes
Encryption	Yes	Yes	Yes	Yes
RAID	Yes	Yes	Yes	N/A
Apps and plugins	Yes	Yes	Yes	Limited
Data redundancy and multi-location backup	Optional	Optional	Optional	Yes
Pricing	Hardware costs (one time only)	Hardware costs (one time only)	Hardware costs (one time only)	Subscription-based

* Exclusive factory data recovery service offered with Exascend SSDs for maximum data security

Industry-leading NAS SSDs

▶ **OPTIMIZED FOR ENTERPRISE NAS USE**

▶ **PATENTED PERFORMANCE-ENHANCING TECHNOLOGIES**

▶ **CERTIFIED BY LEADING NAS MANUFACTURERS**

▶ **EXCLUSIVE FACTORY DATA RECOVERY SERVICE**

	U.2 (PE3 Series)	M.2 (PE3 Series)	2.5" (SE3 Series)	M.2 (SE3 Series)
Interface	PCIe 3.0 (NVMe 1.2)	PCIe 3.0 (NVMe 1.2)	SATA-III, 6.0Gbps	SATA-III, 6.0Gbps
Flash type	3D TLC	3D TLC	3D TLC	3D TLC
Capacity	Up to 8 TB	Up to 4 TB	Up to 4 TB	Up to 2 TB
Max. sequential read	3,100 MB/s	3,100 MB/s	530 MB/s	530 MB/s
Max. sequential write	2,000 MB/s	2,000 MB/s	535 MB/s	535 MB/s
TBW (max.)	16,000	8,000	8,000	4,000
DWPD (max.)	5	5	5	5
Factory data recovery service	Yes	Yes	Yes	Yes

Exascend is a leader in industrial and enterprise data storage, specializing in fully customizable, in-house developed advance storage solution, delivering enterprise-grade performance and stability to high-reliability applications. Established in 2006 by a group of engineers with deep experience in solid-state storage, our passion is creating value-added, best-in-class SSDs for embedded and server applications.