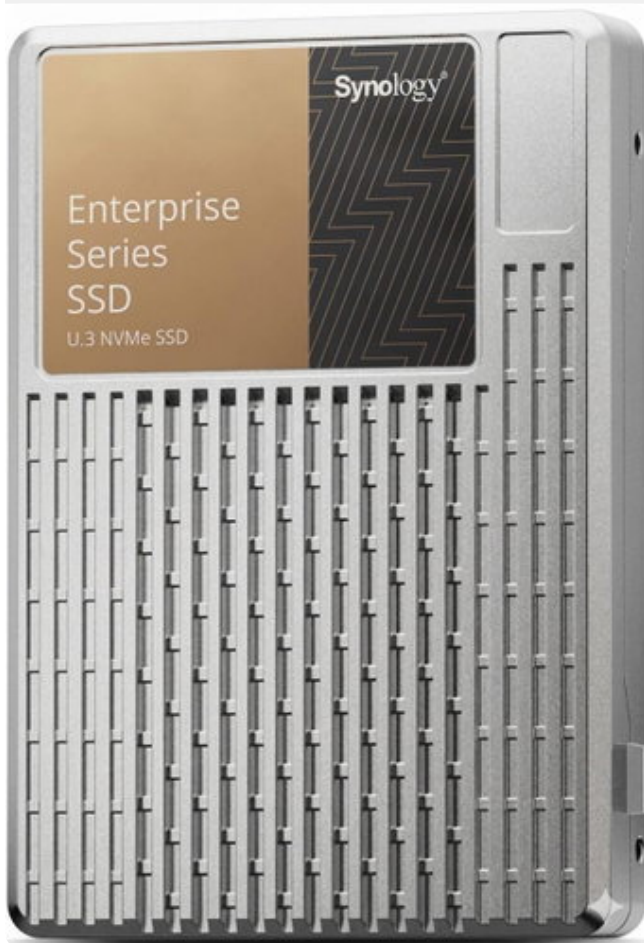




**SSD SYNOLOGY
3840 GB U.3
NVMe Yes 2.5
7008xTBW
rating MTBF
2500000 h
SPU7200D-
3840G**

Model: SPU7200D-3840G

Manufacturer: SYNOLOGY

Product Code: 952224

R92,073

Dual-port U.3 SSDs designed for the active-active architecture of Synology PAS systems

Built for PAS7700

Built for the Synology PAS7700 active-active NVMe all-flash system, the SPU7200D dual-port U.3 SSD ensures uninterrupted access and optimized performance through multipathing. It features certified SED security with crypto erase and PSID recovery, while integration with Synology DSM Enterprise delivers detailed drive analytics and one-click firmware updates.

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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High performance and endurance

SPU7200D drives deliver over 1,250,000/140,000 4K random read/write IOPS¹ for consistently fast performance. With up to 14,016 TBW² endurance, they are built for demanding, always-on workloads.

Advanced security and data sanitization

Certified self-encrypting drives

TCG Opal compliance ensures robust data-at-rest protection without compromising performance. Confidentiality is maintained even if the device is physically removed, making it ideal for sensitive workloads and high-availability environments.

Physical security ID (PSID)

PSID support allows secure erasure and reset of locked drives without the original encryption key. This hardware-based feature enables complete data sanitization and helps meet regulatory requirements for data protection.

Crypto erase

Instantly sanitize stored data by deleting the encryption key. This renders all information permanently unreadable and unrecoverable, supporting safe redeployment or decommissioning.

Data integrity safeguards

The SPU7200D provides full end-to-end data protection, including power loss protection to safeguard data integrity during unexpected shutdowns. Built-in capacitors ensure that cached data is safely written to NAND flash in the event of power failure, preventing data loss.

Advanced drive analytics

The SPU7200D series integrates tightly with Synology DSM Enterprise to deliver continuous insights into drive health and workload performance. With real-time alerts, endurance tracking, and usage analysis, administrators can plan maintenance effectively, replace drives at the right time, and ensure reliable system operation.

One-click firmware updates

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Automatic firmware updates notifications and one-click installation through Synology DSM Enterprise minimize maintenance workload and reduce the chance of oversights.

5-year warranty

At Synology, we are committed to product innovation and quality. SPU7200D drives are backed by a 5-year limited warranty that includes technical support and hardware replacement services to maximize your return on investment.

- Performance
- Endurance
- Data protection & security
- Updates and analytics

Summary: Synology SPU7200D. SSD capacity: 3.84 TB, SSD form factor: 2.5", Component for: NAS | Vendor Homepage: <https://www.synology.com/en-eu/products/drives/ssd/enterprise-spu?lang=en-us#features> | SSD capacity: 3840 | SSD form factor: 2.5" | Interface: U.3 | NVMe: Yes | Memory type: 3D TLC NAND | Component for: NAS | Hardware encryption: Yes | Random read (4KB): 1250000 | Random write (4KB): 140000 | PCI Express interface data lanes: x4 | PCI Express CEM revision: 4.0 | Power loss protection: Yes | Security algorithms: 256-bit AES/TCG Opal 2.0 | Uncorrectable Bit Error Rate (UBER): < 1 per 10¹⁰ bits read | Mean time between failures (MTBF): 2500000 | SSD interface: PCI Express 4.0 | TBW rating: 7008 | Operating voltage: 12 | Power consumption (read): 13.4 | Power consumption (write): 14 | Power consumption (idle): 5.19 | Width: 70 | Depth: 100 | Height: 15 | Operating temperature (T-T): 0 - 70 | Storage temperature (T-T): -40 - 85 | Waste Electrical and Electronic Equipment (WEEE) compliance: Yes | Product colour: Silver | Compliance certificates: BSMI/CE/EAC/Federal Communications Commission (FCC)/KC/RoHS/UKCA/VCCI | Sequential read/write: Yes | Sequential reading: 7000 | Sequential writing speed: 4000 | Warranty period: 5 | Compatible products: Synology PAS7700 | Doesn't contain: Cadmium/Lead/Mercury | Unit Calculated Weight: 0.2 | Unit Calculated Volume: 0.0005 | Units per Shipping Box: 1 | Name: SSD PCIE G5 E1.S NVME 3.84TB/SPU7200D-3840G SYNOLOGY

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