

**SSD SYNOLOGY
SNV3400 400GB
M.2 PCIE NVMe
Write speed 750
MBytes/sec
Read speed
3000 MBytes/sec
TBW 491 TB
MTBF 1800000
hours SNV3410-
400G**



Model: SNV3410-400G

Manufacturer: SYNOLOGY

EAN: 4711174724598

Product Code: 24008

R11,583

Durable SSDs Built for Demanding Caching Workloads

Synology SNV3410/3510 NVMe SSDs are designed to handle tough caching workloads in a 24/7

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multi-user environment. Their consistent I/O performance boosts system responsiveness and speeds up handling of frequent access data. Purpose-built for Synology systems, the NVMe solid-state drive line provides a streamlined storage experience while minimizing service disruptions. SNV3410/3510 comes with advanced lifetime analytics 3 and is backed by Synology's 5-year limited warranty.

Consistently Fast Caching for 24/7 Environment

Built for system cache, SNV3410/3510 drives push up random I/O performance and reduce latency in demanding 24/7 environments. They provide a durable caching experience with up to 400,000/70,000 4K random read/write IOPS 1 and a 1,022 TBW endurance rating, 2 suitable for multi-user environments, multimedia post-production, and database applications. The SNV3000 series comes in two form factors, SNV3410 for 2280 and SNV3510 for 22110 . It allows you to build a highly efficient storage system with exceptional performance, without sacrificing any 3.5" drive bays.

Data Integrity Safeguards

SSD caching boosts your system's read/write performance by storing transient data in solid-state drives to increase retrieval efficiency and cut down recurring requests to the primary storage. Data integrity is important, as cached data are continuously relocated. The Synology SNV3000 series offers end-to-end data protection to safeguard data integrity over the entire transfer path. The SNV3510 comes with power loss protection circuit design , 6 further preventing data corruption during an abnormal shutdown: Dedicated capacitors provide power to flush data-in-flight into NAND flash in a power loss event and firmware is designed to enable a correct restart on the next power-up.

Lifetime Analytics Based on Your Workload

Full integration with Synology's DiskStation Manager (DSM) operating system allows Synology systems to provide lifetime analytics 3 based on actual workloads for each SNV3000 series drive. Timely notifications allow you to plan further ahead for uninterrupted system performance and longevity. Easy monitoring allows you to make optimal use of each SSD.

Purpose-Built for Synology Systems

Firmware versions and component changes can over time cause SSD compatibility issues. Synology SNV3000 series SSDs are thoroughly tested for compatibility with our systems following each

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engineering change, while firmware and component changes are strictly managed. Firmware updates can be installed through Synology DSM at a touch of a button. 4 Intensive I/O stress, power cycling, and temperature trials ensure that all products meet our strictest standards for quality and reliability

- Performance
- Up to 70,000 4K random write IOPS¹
- Endurance
- Up to 1,022 TBW²
- Analytics
- Actionable insight for optimal performance and longevity³
- Updates
- Automatic firmware updates with DSM4

Summary: Synology SNV3410. SSD capacity: 400 GB, SSD form factor: M.2, Read speed: 3000 MB/s, Write speed: 750 MB/s, Component for: NAS | Vendor Homepage: <https://global.download.synology.com/> | Component for: NAS | Interface: PCI Express 3.0 | Mean time between failures (MTBF): 1800000 | NVMe: Yes | Random read (4KB): 225000 | Random write (4KB): 45000 | Read speed: 3000 | SSD capacity: 400 | SSD form factor: M.2 | Write speed: 750 | Operating voltage: 3.3 | Power consumption (idle): 1.6 | Power consumption (read): 3.5 | Power consumption (write): 3.3 | Depth: 80 | Height: 3.5 | Width: 22 | Operating temperature (T-T): 0 - 70 | Storage temperature (T-T): -40 - 85 | Sustainability compliance: Yes | Compliance certificates: RoHS | Harmonized System (HS) code: 84717070 | SSD series: SNV3400 | Units per Shipping Box: 1 | Unit Calculated Volume: 0.00029 | Unit Calculated Weight: 0.036

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