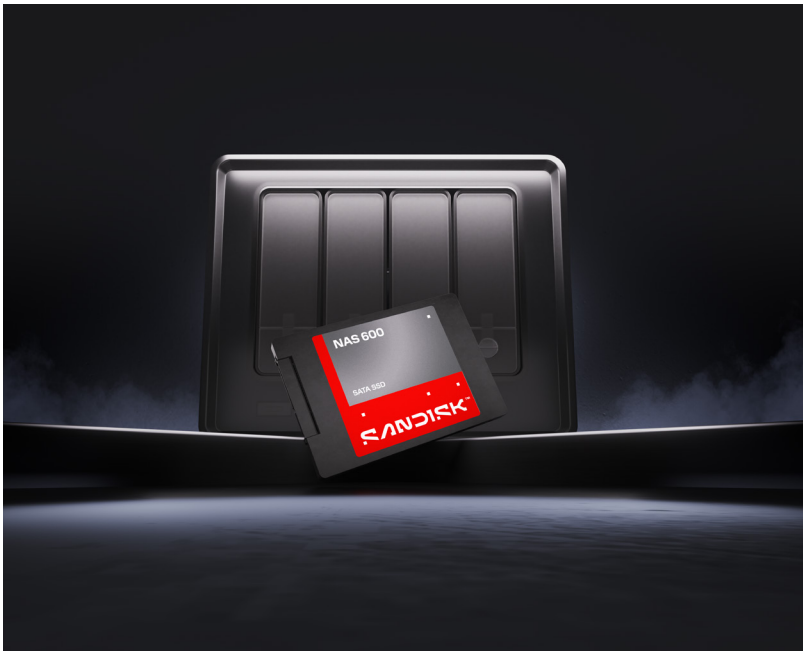
SANDISK™
NAS

600 SATA SSD



TRANSFORM YOUR NAS SYSTEM.

Energize your NAS's I/O performance and responsiveness with the SANDISK® NAS 600 SATA SSD. Easily add a cache or solid-state storage tier to your NAS or replace your HDDs by going all-flash with capacities up to 4TB.[1] Since your NAS system is always on, reliability is critical. The SANDISK® NAS 600 SATA SSD is designed for continuous operation in 24x7 NAS environments with reliability of up to 2.25M hours MTTF[4] and a write endurance rating of 2,500 TBW[4] (4TB[1] model). Help lower your TCO by improving your productivity. The SANDISK® NAS 600 SATA SSD is ideal for multi-user SMB environments, collaborative editing, and prosumers. Plus, have peace-of-mind with a 5-year limited warranty.[5]

(→) KEY FEATURES

- **ENERGIZE YOUR NAS**
  Energize your NAS's I/O performance and responsiveness by adding a cache or solid-state storage tier for demanding multi-user environments.
- **ENGINEERED FOR INTENSE WORKLOADS**
  Designed for continuous operation in 24/7 NAS environments, including multi-drive and RAID configurations, this SSD is dependable with a endurance rating up to 2,500 TBW[4] (4TB[1] models).
- **MODERNIZE YOUR NAS**
  Upgrade from hard drives with the SANDISK® NAS 600 SATA SSD. Its 2.5" SATA form factor integrates into existing 3.5" NAS bays.[10]
- **STEP UP TO KEEP UP**
  Whether configured as a cache or an SSD storage tier, this drive is available in capacities up to 4TB[1] on 2.5"/7mm making it ideal for storing and quickly accessing large media assets and application datasets.
- **PEACE OF MIND**
  Your hard work is covered with a 2.25M hours MTTF[4] and a 5-year limited warranty[5] for peace of mind.
- **UPDATE YOUR DRIVE**
  Keep your SSD updated with the SANDISK® Dashboard (Windows® only).[6]

(→) PRODUCT FEATURES

ENERGIZE YOUR NAS

Energize your NAS's I/O performance and responsiveness by adding a cache or solid-state storage tier for demanding multi-user environments and to help lower TCO by improving productivity. Experience fast file transfers with a solid-state tier to load or store those large media assets like 4K/8K videos.

MODERNIZE YOUR NAS

Upgrade from hard drives with the SANDISK® NAS 600 SATA SSD. Its 2.5" SATA form factor integrates into existing 3.5" NAS bays,[10] delivering fast performance with sequential reads up to 560MB/s,[2] no mechanical noise, and high reliability, along with strong resistance to shock and vibration for consistent NAS performance.

PEACE-OF-MIND

Have peace of mind for your NAS device with an SSD backed by up to 2.25M hours MTTF[4] and a 5-year limited warranty.[5]

ENGINEERED FOR INTENSE WORKLOADS

The SANDISK® NAS 600 SATA SSD is not your average off-the-shelf SATA SSD. Designed for continuous operation in 24/7 NAS environments, including multi-drive and RAID configurations, the SANDISK® NAS 600 SATA SSD delivers dependable performance with a high endurance rating up to 2,500 TBW[4] (4TB[1] models).

STEP UP TO KEEP UP

Whether configured as a cache or a solid-state storage tier, we provide capacities up to 4TB[1] on 2.5"/7mm to meet your needs, ideal for quickly accessing those large 4K/8K video assets and application datasets.

UPDATE YOUR DRIVE WITH THE SANDISK® DASHBOARD

Keep your SSD updated with the SANDISK® Dashboard (Windows® only).[6]

PRODUCT SPECIFICATIONS				
CAPACITIES[1]	500GB	1TB	2TB	4TB
MODEL NUMBERS	SDSNS2500GAB	SDSNS2100TAB	SDSNS2200TAB	SDSNS2400TAB
FORM FACTOR	2.5"/7mm cased			
INTERFACE[9]	SATA III 6 Gbps			
NAND TYPE	SANDISK® TLC 3D NAND			
DRAM	No			
SLC Cache	Yes			
PERFORMANCE[2]				
Sequential Read up to MB/s	560MB/s	560MB/s	560MB/s	560MB/s
Sequential Write up to MB/s	505MB/s	515MB/s	515MB/s	520MB/s
Random Read up to (IOPS) for	74K IOPS	87K IOPS	87K IOPS	86K IOPS
Random Write up to (IOPS)	74K IOPS	75K IOPS	76K IOPS	77K IOPS
POWER[3]				
Average Active Power	1.1 W	1.1 W	1.2 W	1.2 W
Max Read Operating	1.5 W	1.5 W	1.6 W	1.7 W
Max Write Operating	1.7 W	1.9 W	2.5 W	4.1 W
Slumber	38 mW	38 mW	50 mW	42 mW
DevSlp	16 mW	16 mW	17 mW	17 mW
RELIABILITY				
Endurance[4] (TBW)	350 TBW	600 TBW	1,300 TBW	2,500 TBW
MTTF[4] up to (hours)	2.25M Hours			
Limited Warranty[5]	5 years			
REGULATORY				
Certifications	BSMI, CAN ICES-3(B)/NMB-3(B), CE, FCC, KCC, Morocco, RCM, TÜV, UL, VCCI			
RoHS Compliant	Yes			
FEATURED SOFTWARE	SANDISK® Dashboard[6] (Windows® only)			
ENVIRONMENTAL				
Operating Temperature[7]	0°C to 70°C			
Non-operating Temperature[7]	-55°C to 85°C			
Operating Vibration	5 gRMS, 10-2000 Hz, 3 axes			
Non-operating Vibration	4.9 gRMS, 7-800 Hz, 3 axes			
Shock	1,500G @ 0.5 ms half-sine			
DIMENSIONS[8]	Length	Width	Height	Weight
Size	100.50mm	69.85mm	7.0mm	34.6g

1 1GB = 1 billion bytes and 1TB = 1 trillion bytes. Actual user capacity may be less depending on operating environment.
2 1MB/s = 1 million bytes per second. IOPS = input/output operations per second. Based on internal testing; performance may vary depending upon host device, usage conditions, drive capacity, and other factors.
3 Measured using the IOMETER benchmark with DIPM (Device Initiated Power Management) enabled. Max power measured during continuous read or write activity; average power indicates the average over 50 second intervals.
4 Expected TBW (terabytes written) values calculated using JEDEC client workload (JESD219) and vary by product capacity. MTTF = Mean Time To Failure based on internal testing using Telcordia™ stress part testing (Telcordia SR-332, GF, 25°C). MTTF is based on a sample population and is estimated by statistical measurements and acceleration algorithms. MTTF does not predict an individual drive's reliability and does not constitute a warranty.
5 5 years or Max Endurance (TBW) limit, whichever occurs first. See sandisk.com/support for region-specific warranty details.
6 Available for download at sandisk.com/support
7 Operational temperature is defined as temperature reported by the drive. Note that drive temperature readings are expected to be higher than ambient temperature when the SSD is placed inside a system. The SSD box package is rated up to 60°C. Non-operational storage temperature does not guarantee data retention.
8 Physical product dimensions for length and width may vary by ± 0.15mm and product weight may vary by ± 1g.
9 Backwards compatible with SATA I and II, and supports secure boot and secure Firmware update.
10 Compatibility may vary across NAS designs. Users should review the drive-bay specifications of their specific NAS model to confirm support for 2.5" SATA drives.

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