



Highlights

- PCIe® Gen 4.0 x4 Interface.
- Performance up to 5,000MB/s² (500GB-2TB¹ models).
- High capacity options from 250GB to 2TB.¹
- PC compatibility with M.2 2280 slots.
- SLC Write Caching with SANDISK® nCache™ 4.0 Technology.
- Peace of mind with a 3-year limited warranty.³
- Free downloadable Acronis® True Image™ for SANDISK® data migration software.
- SANDISK® Dashboard software¹⁰ for monitoring your new drive.

WD Green® SN3000 NVMe™ SSD

Essential NVMe™ M.2 SSD for everyday computing

Your PC can be faster than you imagine, and your important files can live right where you need them. Whether you're upgrading your PC's storage to launch applications, access files fast, or simply increasing capacity to save more files, the WD Green® SN3000 NVMe™ SSD energizes your storage performance and provides much needed space. Experience PCIe® Gen 4.0 read speeds up to 5,000MB/s¹ in a slim M.2 2280 SSD that allows you to use multiple apps with incredible responsiveness.

Exceptional storage performance with PCIe® Gen 4.0

Help maximize your PC's performance with amazing speeds of a PCIe® Gen 4.0 NVMe™ SSD. Short boot times, quick application launches, and speedy web browsing with read speeds up to 5,000MB/s.¹

High capacity SSD so you can keep saving your files

Upgrade your PC storage with up to 2TB² of solid-state storage and keep your photos, videos, and other important files immediately within reach.

Slim M.2 SSD for PC compatibility

The WD Green® SN3000 SSD utilizes a single-sided M.2 2280 to be compatible with laptops and desktop PCs, while providing high capacity to upgrade your PC's storage.

Breathe new life into your current computer

Multitask across applications with breathtaking responsiveness, transfer and save files faster, and improve your workflow with NVMe™ and SANDISK® nCache™ 4.0 Technologies.

Reliable Storage, a brand you can trust

Rely on the brand that professionals trust, with a 3-year limited warranty.³ Have peace of mind for your data.

Migrate your data with Acronis® True Image™ for SANDISK® software

Move your data from your slow NVMe™ drive to your new WD Green® SN3000 NVMe™ SSD with our free downloadable Acronis® True Image™ for SANDISK® data migration software,⁹ so you can continue where you left off.

WD Green® SN3000 NVMe™ SSD

Datasheet

NVMe™ SSD

Specifications

Capacity ²	500GB	1TB	2TB
Model Number	WDS500G4G0E	WDS100T4G0E	WDS200T4G0E
Form Factor	M.2 2280-S3-M		
Interface	PCIe® Gen4.0 x4, NVMe™		
NAND type	SANDISK® QLC 3D NAND		
Performance ¹			
Sequential Read (1MiB, Queue Depth=8, Threads=1)	5,000	5,000	5,000
Reliability			
Endurance ⁴ (TBW)	100	150	250
MTTF ⁵	1M hours		
Limited Warranty ³	3 years		
Environmental			
Operating Temperatures ⁶	32°F to 176°F (0°C to 80°C)		
Non-operating Temperatures ⁷	-40°F to 185°F (-40°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		
Standards			
Certifications	BSMI, CAN ICES-3(B)/NMB-3(B), CE, FCC, KCC, Morocco, RCM, TÜV, UL, VCCI		
RoHS Compliant	Yes		
Physical Dimensions ⁸			
Length (max)	80mm		
Width (max)	22mm		
Height (max)	2.38mm		
Weight (max)	7g		

WD Green® SN3000 NVMe™ SSD

Datasheet

NVMe™ SSD

Specifications

Capacity ²	250GB	500GB	1TB	2TB
Model Number	WDS250G5G0E	WDS500G5G0E	WDS100T5G0E	WDS200T5G0E
Form Factor	M.2 2280-S3-M			
Interface	PCIe® Gen4.0 x4, NVMe™			
NAND type	SANDISK® TLC 3D NAND			
Performance ¹				
Sequential Read (1MiB, Queue Depth=8, Threads=1)	4,000	5,000	5,000	5,000
Reliability				
Endurance ⁴ (TBW)	50	100	150	250
MTTF ⁵	1M hours			
Limited Warranty ³	3 years			
Environmental				
Operating Temperatures ⁶	32°F to 176°F (0°C to 80°C)			
Non-operating Temperatures ⁷	-40°F to 185°F (-40°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			
Standards				
Certifications	BSMI, CAN ICES-3(B)/NMB-3(B), CE, FCC, KCC, Morocco, RCM, TÜV, UL, VCCI			
RoHS Compliant	Yes			
Physical Dimensions ⁸				
Length (max)	80mm			
Width (max)	22mm			
Height (max)	2.38mm			
Weight (max)	7g			

¹ 1 MB/s = 1 million bytes per second. Based on internal testing; performance will vary depending on host device, usage conditions, drive capacity, and other factors.

² 1GB = 1 billion bytes and 1 TB = 1 trillion bytes. Actual user capacity may be less depending on operating environment.

³ 3 years or Max Endurance (TBW) limit, whichever occurs first. See support.wdc.com for regional specific warranty details.

⁴ TBW (terabytes written) values calculated using JEDEC client workload (JESD219) and vary by product capacity.

⁵ MTTF = Mean Time To Failure based on internal testing using Telcordia stress part testing (Telcordia SR-332, GB, 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.

⁶ 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.

⁷ Non-operational storage temperature does not guarantee data retention.

⁸ Physical product dimensions for length and width may vary by ± 0.10mm and product weight may vary by ± 10%.

⁹ Download and installation required. Includes 5-year licenses for your compatible drive. Redeem within 90 days of purchase. May not be combined with other offers. Limited time offer; see sandisk.com/support website for more details. Offer subject to change.

¹⁰ Available for download at sandisk.com/support



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