



Highlights

- Exceptional PCIe® Gen4 performance.**
 Demolish slow boot times and launch apps faster with speeds up to 5,000MB/s¹.
- High capacity SSD for your files.**
 Storage up to 2TB² keeps your photos, videos and other important files within reach.
- Slim M.2 SSD for PC compatibility.**
 The WD Green® SN3000 utilizes a single-sided M.2 2280 to be compatible with thin laptops and small PCs.
- Breathe new life into your computer.**
 Multitask across applications with breathtaking responsiveness, transfer and save files faster, and improve your workflow with NVMe™ and Western Digital® 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 all your data.
- Migrate your data with ease.**
 Move your data to your new drive with free downloadable Acronis® True Image™ for Western Digital® data migration software.

WD Green® SN3000 NVMe™ SSD

Energize your PC's storage with WD Green® SN3000 NVMe™ SSD

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® Gen4 read speeds up to 5,000MB/s¹ in a slim M.2 SSD that allows you to use multiple apps with incredible responsiveness, so you can work without constraints.

Exceptional storage performance with PCIe® Gen4

Maximize your PC's performance with amazing speeds of PCIe® Gen4 NVMe™. Short boot times, quick application launches, and speedy web browsing with read speeds up to 5,000MB/s¹.

High capacity SSD so you can keep saving your files

Expand your PC 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 thin laptops and small PCs, while providing high capacity to expand 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 Western Digital® 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 all your data.

Migrate your data with Acronis® True Image™ for Western Digital® software

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

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 x4 NVMe™		
NAND type	Western Digital® QLC 3D NAND		

Performance¹

Sequential Read (MB/s) (Queue Depth=8, Threads=1)	5,000	5,000	5,000
Sequential Write (MB/s) (Queue Depth=8, Threads=1)	4,100	4,200	4,200

Reliability

Endurance ⁴ (TBW)	100	150	250
MTTF ⁵	1.75M 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

Length (max) ⁸	80mm		
Width (max) ⁸	22mm		
Height (max) ⁸	2.38mm		
Weight (max) ⁸	5.4g		

¹Based on read speed, unless otherwise stated. 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.

²1GB = 1 billion bytes and 1TB = 1 trillion bytes. Actual user capacity may be less, depending on operating environment.

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

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

⁵MTTF = 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.

⁶Operational 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.

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

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

⁹Download 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 Western Digital website for more details. Offer subject to change.



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