PRODUCT BRIEF NVME SSD

WD Green™ SN350 NVMe™ SSD

Keep Your Computer, Improve Its Performance

The WD Green™ SN350 NVMe™ SSD can revitalize your old computer for daily use. Whether you're in class, shopping, chatting or surfing, this drive can work up to four times faster than SATA drives. Because they have no moving parts, SSDs offer a shock-resistant design to help protect your important data against accidental bumps and drops. The slim M.2 2280 form factor allows for a quick and easy upgrade for any computer with an NVMe slot. Plus, with the downloadable Western Digital® SSD Dashboard you can also monitor the health of your drive for added peace of mind.

Product Highlights

- Fast NVMe™ performance for daily computing needs — up to 2,400MB/s**
- SSDs offer shock-resistance against accidental bumps and drops
- The slim M.2 2280 form factor is ideal for computers with an NVMe™ slot
- Downloadable Western Digital® SSD Dashboard monitors the health and usage of your drive
- Rest assured with a Western Digital 3-year limited warranty

NVMe™ Power is Now Within Reach

Experience fast performance with cost-effective NVMe™ technology that outperforms traditional SATA drives.

Help Protect Your Data

Because there are no moving parts, solid-state drives help to protect your data against day-to-day bumps or drops.

A Quick Upgrade

Upgrading your system is simple with the slim M.2 2280 form factor. All you need is an NVMe™ slot and about 10 minutes.

Monitor Your Drive's Health

The Western Digital® SSD Dashboard is free, downloadable software that monitors current performance, space availability, temperature and more to help ensure peak performance.

More Room for What's Important

The WD Green™ SN350 NVMe™ SSD offers several choices of capacities up to 960GB* – that's nearly a terabyte of high-speed NVMe storage.

Be Confident in Your Choice

Western Digital is a name you can trust. With a 3-year limited warranty, you can rest assured in your choice of a WD Green™ SN350 NVMe™ SSD.

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Specifications

Interface[1]	960GB[9]	480GB[9]	240GB[9]
WD Green SSD M.2 2280	PCIe Gen3 8Gb/s, up to 4 Lanes	PCIe Gen3 8Gb/s, up to 4 Lanes	PCIe Gen3 8Gb/s, up to 4 Lanes
Performance[2]			
Sequential Read (MB/s) up to	2,400	2,400	2,400
Sequential Write (MB/s) up to	1,900	1,650	900
Random Read 4K (IOPS) up to	340K	250K	160K
Random Write 4K (IOPS) up to	380K	170K	150K
Endurance[3] (TBW)	80TBW	60TBW	40TBW
Power			
Avg. Active Power[4]	60mW	60mW	60mW
PS3 (Low Power)	25mW	25mW	25mW
PS4 (Sleep)	5mW	5mW	5mW
Maximum Operating Power	3.5W	3.5W	3.5W
Reliability			
MTTF[5]	Up to 1.0M hours	Up to 1.0M hours	Up to 1.0M hours
Environmental			
Operating Temperatures[6]	32°F to 158°F (0°C to 70°C)	32°F to 158°F (0°C to 70°C)	32°F to 158°F (0°C to 70°C)
Non-operating Temperatures[7]	-40°F to 185°F (-40°C to 85°C)	-40°F to 185°F (-40°C to 85°C)	-40°F to 185°F (-40°C to 85°C)
Operating Vibration	5 gRMS, 10–2000 Hz, 3 axes	5 gRMS, 10–2000 Hz, 3 axes	5 gRMS, 10–2000 Hz, 3 axes
Non-operating Vibration	4.9 gRMS, 7–800 Hz, 3 axes	4.9 gRMS, 7–800 Hz, 3 axes	4.9 gRMS, 7–800 Hz, 3 axes
Shock	1,500G @0.5 ms half sine	1,500G @0.5 ms half sine	1,500G @0.5 ms half sine
Certifications	BSMI, CAN ICES-3(B)/NMB-3(B), CE, FCC, KCC, Morocco, RCM, TUV, UL, VCCI	BSMI, CAN ICES-3(B)/NMB-3(B), CE, FCC, KCC, Morocco, RCM, TUV, UL, VCCI	BSMI, CAN ICES-3(B)/NMB-3(B), CE, FCC, KCC, Morocco, RCM, TUV, UL, VCCI
Limited Warranty[8]	3 years	3 years	3 years
Physical Dimensions			
Size: M.2 2280	80mm x 22.0mm x 2.38mm	80mm x 22.0mm x 2.38mm	80mm x 22.0mm x 2.38mm
Weight: M.2 2280	7.5g ± 1g	7.5g ± 1g	7.5g ± 1g
Ordering Information			
Model Number[10]	WDS960G2G0C	WDS480G2G0C	WDS240G2G0C

Specifications are subject to change without notice

[1] Backward compatible with PCIe Gen3 x1, PCIe Gen2 x4, PCIe Gen2 x2, and PCIe Gen2 x1.

[2] Test Conditions: Performance is based on the CrystalDiskMark 7.0.0f benchmark using a 1000MB LBA range ASUS Z170A desktop with Intel® i7-6700K 4.0Ghz, 8GB 2133MHz DDR4. Windows 10 Pro 64-bit version 1903 using Microsoft StorNVMe driver, secondary drive. Performance may vary based on host device. 1 MB = 1,000,000 bytes. IOPS = input/output operations per second.

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

[4] Measured using MobileMark™ 2014 on ASUS B9440UA WITH I5-7200U, 8GB RAM. Windows 10 Pro 64-bit version 1709 using Microsoft StorNVMe driver, Primary drive.

[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 measured by thermal sensors in NAND package. The SSD box package is rated up to 60°C.

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

[8] 3 years or Max Endurance (TBW) limit, whichever occurs first. See support.WesternDigital.com for regional specific warranty details.

[9] 1TB=1, 000,000,000,000 bytes. 1GB=1,000,000,000 bytes. Actual user storage less

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