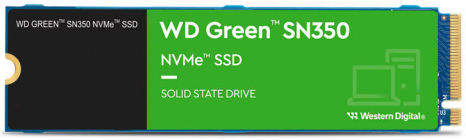
PRODUCT BRIEF NVME SSD



Product Highlights

- Fast NVMe™ performance for daily computing needs — up to 3,200MB/s[2] (1TB and 2TB models)
- 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[8]

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.

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 2TB[9].

Be Confident in Your Choice

Western Digital is a name you can trust. With a 3-year limited warranty[8], you can rest assured in your choice of a WD Green™ SN350 NVMe™ SSD.

WD Green™ SN350 NVMe™ SSD

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Specifications

Capacities[9]	2TB	1TB	1TB	500GB	250GB
Interface[1] SSD M.2 2280	PCIe Gen3[1] 8Gb/s, up to 4 Lanes				
NAND Type	QLC	QLC	TLC	TLC	TLC
Performance[2]					
Sequential Read (MB/s) up to	3,200	3,200	2,400	2,400	2,400
Sequential Write (MB/s) up to	3,000	2,500	1,850	1,500	1,500
Random Read 4K (IOPS) up to	500K	300K	340K	300K	300K
Random Write 4K (IOPS) up to	450K	400K	350K	300K	300K
Endurance[3] (TBW)	100TBW	100TBW	80TBW	60TBW	40TBW
Power[4]					
Avg. Active Power	110mW	110mW	110mW	110mW	110mW
Maximum Operating Power	5W	5W	3.5W	3.5W	3.5W
Reliability					
MTTF[5]	Up to 1.0M hours				
Environmental					
Operating Temperatures[6]	32°F to 158°F (0°C to 70°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				
Certifications	BSMI, CAN ICES-3(B)/NMB-3(B), CE, FCC, KCC, Morocco, RCM, TUV, UKCA, UL, VCCI				
Limited Warranty[8]	3 years				
Physical Dimensions					
Size: M.2 2280	80mm x 22.0mm x 2.38mm				
Weight: M.2 2280	7.5g ± 1g				
Ordering Information					
Model Number[10]	WDS200T3G0C	WDS100T3G0C	WDS100T2G0C	WDS500G2G0C	WDS250G2G0C

Footnotes:

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

[2] Test Conditions: Performance is based on the CrystalDiskMark 8.0.1 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. 1 MB/s = 1 million bytes per second. Based on internal testing; performance may vary depending upon host device, usage conditions, drive capacity, and other factors. 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] 1GB = 1 billion bytes and 1TB = 1 trillion bytes. Actual user capacity may be less depending on operating environment.

[10] Not all products may be available in all regions of the world.

Western Digital.

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