



Highlights

- Expand your PC storage capacity with up to 2TB[1]
- Boot faster, launch quicker with SATA SSD speeds up to 545MB/s[2]
- SSDs offer shock-resistance against accidental bumps and drops
- 2.5”/7mm cased and M.2 2280 form factors to accommodate most PCs
- Upgrading is made simple with the free downloadable Acronis® True Image™ for Sandisk® data migration software[3] (cable may be required, sold separately)
- Work with confidence as the downloadable Sandisk® Dashboard[4] helps monitor your SSD
- Includes a 3-year limited warranty[5]

WD Green® SATA SSD

For use in laptop and desktop computers, WD Green® SATA SSDs expand your storage space up to 2TB[1] of solid-state technology. Boot faster, launch quicker with SATA SSD speeds up to 545MB/s[2].

SSDs offer shock-resistance against accidental bumps and drops. Available in 2.5”/7mm cased and M.2 2280 form factors to accommodate most PCs. Upgrading is made simple with the free downloadable Acronis® True Image™ for Sandisk® data migration software[3] (cable may be required, sold separately). Work with confidence as the downloadable Sandisk® Dashboard[4] helps monitor your SSD. Includes a 3-year limited warranty[5].

Expand Your PC Storage and Avoid Deleting

WD Green® SATA SSDs are available from 250GB to 2TB[1] to fit your storage budget requirements. Add much needed capacity to your aging PC for more applications, videos, pictures, or your personal data.

Boost Your PC Performance for Everyday Computing

Enhance your PC with a WD Green® SATA SSD and improve the performance of your daily computing needs. Boot faster, launch quicker with SATA SSD speeds up to 545MB/s[2]. Browse the web, play your favorite casual games, or simply download and watch videos in a flash.

Solid State Reliability

Designed without any moving parts, WD Green® SATA SSDs are built to be lightweight and shock-resistant to help keep your data protected from loss if there is an accidental bump or drop to your system.

Migrate to Your New Drive with Ease

WD Green® SATA SSDs are available in 2.5in / 7mm cased models and M.2 2280 models. With form factors to accommodate many laptop and desktop PCs, a WD Green® SATA SSD is ready for the job. Migrate your old drive to your new drive with our free Acronis® True Image™ for Sandisk® software[3] (additional cable or hardware may be required and is sold separately).

Monitor with Our Sandisk® Dashboard[4]

The downloadable Sandisk® Dashboard[4] allows you to monitor your new drive’s performance, storage space, and keeps your drive updated.

3-year Limited Warranty[5]

With a 3-year limited warranty[5], you can be confident in your new storage when upgrading or replacing a drive with a WD Green® SATA SSD.

WD Green® SATA SSD

Datasheet **SATA SSD**

Specifications

Capacity[1]	2TB	1TB	500GB	250GB	480GB	240GB
Model Number						
2.5"/7mm cased	WDS200T5G0A	WDS100T5G0A	WDS500G5G0A	WDS250G5G0A		
M.2 2280					WDS480G3G0B	WDS240G3G0B
Interface[6]	SATA III 6 Gb/s					
NAND Type	Sandisk® 3D NAND					
Performance[2]						
Sequential Read [up to]	545	545	545	545	545	545
Power						
Avg. Active Power (mW)	61	55	56	59	60	60
Max Read Operating (mW)	1,560	1,550	1,220	1,280	1,700	1,700
Max Write Operating (mW)	2,455	1,585	1,465	1,325	1,700	1,700
Slumber (mW)	22	23	18	20	26	26
DEVSLP (mW)	12	11	9	10	10	10
Reliability						
MTTF up to (hours)[7]	2M					
Limited Warranty[5]	3 years					
Environmental						
Operating Temperature[9]	32°F to 158°F (0°C to 70°C)					
Non-operating Temperature[9]	-67°F to 185°F (-55°C to 85°C)					
Operating Vibration	5.0 gRMS, 10-2000 Hz					
Non-operating Vibration	4.9 gRMS, 7-800 Hz					
Shock	1,500 G @ 0.5 msec half sine					
Standards						
Certifications	BSMI, Canada, CE, CMIM, FCC, KC, RCM, UKCA, VCCI, UL, TÜV, CB-Scheme					
RoHS Compliant	Yes					

Dimensions[8]	Length:	Width:	Height:	Weight:
2.5"/7mm cased	100.50mm	69.85mm	7.0mm	32.7g
M.2 2280 B+M Key	80mm	22mm	1.5mm	5.10g

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

[2] Based on read speed, unless otherwise stated. 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.

[3] Download and installation required. Includes 3-year license 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.

[4] Available for download at sandisk.com/support.

[5] 3 years or Max Endurance (TBW) limit, whichever occurs first. See sandisk.com/support for region-specific warranty details.

[6] Backward-compatible to SATA II and I.

[7] 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.

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

[9] 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.

SANDISK™

951 Sandisk Drive
Milpitas, CA 95035, USA
www.sandisk.com

Sandisk and the Sandisk logo are registered trademarks or trademarks of Sandisk Corporation or its affiliates in the U.S. and/or other countries. WD Green is a registered trademark of Western Digital Corporation or its affiliates in the U.S. and/or other countries. Acronis and True Image are registered trademarks of Acronis International GmbH in the United States and other countries. All other marks are the property of their respective owners. Product specifications subject to change without notice. Pictures shown may vary from actual products.

©2025 Sandisk Corporation or its affiliates. All rights reserved.

April 2025