



## Highlights

- Expand your PC storage capacity with up to 2TB<sup>1</sup>
- Boot faster, launch quicker with SATA SSD speeds up to 545MB/s<sup>2</sup>
- 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<sup>3</sup> (cable may be required, sold separately)
- Work with confidence as the downloadable SANDISK® Dashboard<sup>4</sup> helps monitor your SSD
- Includes a 3-year limited warranty<sup>5</sup>

## WD Green® SATA SSD

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

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™ software for SANDISK® data migration software<sup>3</sup> (cable may be required, sold separately). Work with confidence as the downloadable SANDISK® Dashboard<sup>4</sup> helps monitor your SSD. Includes a 3-year limited warranty.<sup>5</sup>

## Expand Your PC Storage and Avoid Deleting

WD Green® SATA SSDs are available from 250GB to 2TB<sup>1</sup> 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.<sup>2</sup> 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™ software for SANDISK® software<sup>3</sup> (additional cable or hardware may be required and is sold separately).

## Monitor with Our SANDISK® Dashboard<sup>4</sup>

The downloadable SANDISK® Dashboard<sup>4</sup> allows you to monitor your new drive's performance, storage space, and keeps your drive updated.

## 3-year Limited Warranty<sup>5</sup>

With a 3-year limited warranty,<sup>5</sup> 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 <sup>1</sup>                   | 2TB                                                                  | 1TB         | 500GB       | 250GB       | 480GB       | 240GB       |
|-----------------------------------------|----------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|
| Model Number                            |                                                                      |             |             |             |             |             |
| 2.5"/7mm cased                          | WDS200T5G0A                                                          | WDS100T5G0A | WDS500G5G0A | WDS250G5G0A |             |             |
| M.2 2280                                |                                                                      |             |             |             | WDS480G3G0B | WDS240G3G0B |
| Interface <sup>6</sup>                  | SATA III 6 Gb/s                                                      |             |             |             |             |             |
| NAND Type                               | SANDISK® 3D NAND                                                     |             |             |             |             |             |
| Performance <sup>2</sup>                |                                                                      |             |             |             |             |             |
| 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) <sup>7</sup>         | 2M                                                                   |             |             |             |             |             |
| Limited Warranty <sup>5</sup>           | 3 years                                                              |             |             |             |             |             |
| Environmental                           |                                                                      |             |             |             |             |             |
| Operating Temperature <sup>9</sup>      | 32°F to 158°F (0°C to 70°C)                                          |             |             |             |             |             |
| Non-operating Temperature <sup>10</sup> | -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 <sup>8</sup>                 | 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       |             |             |

<sup>1</sup>1GB = one billion bytes and 1TB = one trillion bytes. Actual user capacity may be less depending on operating environment.

<sup>2</sup>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.

<sup>3</sup>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.

<sup>4</sup>Available for download at sandisk.com/support.

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

<sup>6</sup>Backward-compatible to SATA II and I.

<sup>7</sup>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.

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

<sup>9</sup>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.



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