

SATA SSD

THE SATA SSD READY TO ELEVATE YOUR PERFORMANCE.

Replace your HDD with a solid-state drive to work faster at work, at home, or at school. Experience fast boots and quick application launches with solid-state speeds up to 545MB/s². Select capacities up to 2TB¹ are built with trusted SANDISK® 3D NAND. Upgrading is simple with the free downloadable Acronis® True Image™ for SANDISK® data migration software⁵ (cable may be required and is sold separately). Work with confidence as the downloadable SANDISK® Dashboard⁶ (Windows® only) helps monitor your SSD. Comes with a 3-year limited warranty⁴ for extra peace of mind.



(→) KEY FEATURES

■ BOOST YOUR PC PERFORMANCE

Enhance your PC with a solid-state SATA drive and improve the performance of your everyday computing tasks with SATA SSD speeds up to 545MB/s.²

■ EXPAND YOUR PC STORAGE

Available from 250GB¹ up to 2TB¹ to fit your storage budget. Add much-needed capacity for more applications, videos, pictures, and personal data.

■ SOLID STATE RELIABILITY

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

■ MIGRATE WITH EASE

Easily upgrade with our free Acronis® True Image™ for SANDISK® software⁵ (additional cable or hardware may be required and is sold separately).

■ MONITOR WITH OUR SANDISK® DASHBOARD⁶

The downloadable SANDISK® Dashboard⁶ (Windows® only) allows you to monitor your new drive's performance and storage space, and keeps your drive updated.

■ TRUSTED BRAND

With a 3-year limited warranty,⁴ you can work with confidence and have peace of mind while upgrading or replacing a drive with a SANDISK® SSD.

(→) PRODUCT FEATURES

BOOST YOUR PC PERFORMANCE FOR EVERYDAY COMPUTING

Enhance your PC with a solid-state SATA drive and improve the performance of your everyday computing tasks with SATA SSD speeds up to 545MB/s.² Browse the web, play your favorite casual games, and download and watch videos in a flash.

EXPAND YOUR PC STORAGE

SANDISK® 320 SATA SSDs are available from 250GB¹ up to 2TB¹ to fit your storage budget. Add much-needed capacity to your PC for space for more applications, videos, pictures, and personal data. Available in 2.5" to replace a HDD in compatible PCs.

SOLID STATE RELIABILITY

Designed without any moving parts, the SANDISK® 320 SATA SSD is built with trusted SANDISK® 3D NAND and is shock-resistant to help keep your data protected from loss if there is an accidental bump or drop.

MIGRATE TO YOUR NEW DRIVE WITH EASE

Easily upgrade to an SSD with our free Acronis® True Image™ for SANDISK® software⁵ (additional cable or hardware may be required and is sold separately).

MONITOR WITH OUR SANDISK® DASHBOARD⁶

The downloadable SANDISK® Dashboard⁶ (Windows® only) allows you to monitor your new drive's performance and storage space, and keeps your drive updated.

3-YEAR LIMITED WARRANTY⁴

With a 3-year limited warranty,⁴ you can work with confidence and have peace of mind while upgrading or replacing your old drive with a SANDISK® SSD.

PRODUCT SPECIFICATIONS				
CAPACITIES ¹	250GB	500GB	1TB	2TB
MODEL NUMBERS	SDSS31250GBB	SDSS31500GBB	SDSS31100TBB	SDSS31200TBB
FORM FACTOR	2.5"/7mm cased			
INTERFACE ⁹	SATA III 6 Gb/s			
NAND ¹⁰	SANDISK® 3D NAND			
DRAM	No			
SLC CACHE	Yes			
PERFORMANCE ²				
Sequential Read 1MB (MB/s) up to	545MB/s	545MB/s	545MB/s	545MB/s
POWER				
Avg. Active Power ³	59 mW	56 mW	55 mW	61 mW
Max Read Operating ³	1.28 W	1.22 W	1.55 W	1.56 W
Max Write Operating ³	1.33 W	1.47 W	1.59 W	2.46 W
Slumber	20 mW	18 mW	23 mW	22 mW
DEVSLP	10 mW	9 mW	11mW	12 mW
REGULATORY				
Certifications	BSMI, CAN ICES-3(B)/NMB-3(B), CE,FCC,KCC,Morocco,RCM,TÜV,UL,VCCI			
RoHS Compliant	Yes			
FEATURED SOFTWARE				
	SANDISK® Dashboard ⁶ (Windows® only), Acronis® True Image™ for SANDISK® software ⁵			
ENVIRONMENTAL				
Operating Temperature ⁷	32°F to 158°F (0°C to 70°C)			
Non-operating Temperature ⁷	-67°F to 185°F (-55°C to 85°C)			
Operating Vibration	5 gRMS, 10-2000 Hz			
Non-operating Vibration	4.9 gRMS, 7-800 Hz			
Shock	1,500G @ 0.5 ms half-sine			
DIMENSIONS ⁸	Length	Width	Height	Weight
Size	100.50mm	69.85mm	7.0mm	32.7g

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

² 1MB/s = 1 million bytes per second. IOPS = input/output operations per second. Based on internal testing; performance may vary depending upon host device, usage conditions, drive capacity, and other factors.

³ Average power measured using the MobileMark™ 2014 benchmark with DIPM (Device Initiated Power Management) enabled. Max power measured during continuous sequential read or write activity and indicates the average over 10 microsecond intervals.

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

⁵ Download, installation, and administrative privileges required. Includes 5-year license for your compatible drive. Redeem within 90 days of purchase. Terms and conditions apply. User account registration may be required. May not be combined with other offers. Limited time offer; see sandisk.com/support for more details. Offer subject to change.

⁶ Available for download at sandisk.com/support

⁷ 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.

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

⁹ Backward-compatible to SATA II and I.

¹⁰ NAND type may vary by model.