Item no.: 326375

WDS500G2B0A - WD Blue SSD 500GB SSD, 2.5 Zoll, SATA 6 Gbps

from **70,32 EUR**

Item no.: 326375
shipping weight: 0.10 kg
Manufacturer: Western Digital

📄 Product Description

SSD WDS500G2B0A - 500GB SATA/600, (R:560, W:530MB/s), 2.5"

The WD Blue(TM) 3D NAND SATA SSD uses Western Digital 3D NAND technology for capacities up to 500 GB, improving reliability. With up to 25% less active power consumption compared to previous generations of WD Blue SSDs, you can now work longer without recharging your notebook. Read speeds of up to 560MB/sec read and up to 530MB/sec write speeds keep your performance-hungry applications moving. With the free downloadable WD SSD Dashboard, you can upgrade your system with a WD Blue 3D NAND SATA SSD with confidence.

Enhanced energy efficiency

The WD Blue 3D NAND SATA SSD delivers improved durability and up to 25% lower active power consumption compared to previous generations of WD Blue SSDs. And with lower power consumption, you'll be able to work longer without recharging your notebook.

Outstanding performance

For high-end computing, rely on WD Blue 3D NAND SATA SSDs for demanding applications such as gaming, HD media playback or creative software. Western Digital 3D NAND technology enables sequential read speeds of up to 560MB/sec and up to 530MB/sec sequential write speeds. This ensures fast system startup, spontaneous application response and high transfer speeds.

Superior reliability

SSDs have no moving parts and their design protects against data loss even in the event of bumps or drops. With a Mean Time To Failure (MTTF) of 1.75 million hours, up to 500 TBW (written terabytes), and multiple troubleshooting technologies, WD Blue 3D NAND SATA SSDs are ideal for long-term data storage.

Broad compatibility range

Certification from the WD Functional Integrity Testing Lab (F.I.T. Lab(TM)) demonstrates the compatibility of every WD Blue 3D NAND SATA SSD with a wide range of PCs and laptops. Every WD Blue 3D NAND SATA SSD is rigorously tested for compatibility and reliability to meet WD's exacting standards.

Download WD SSD Dashboard and Acronis Software

With the WD SSD Dashboard, you can monitor, among other things, the available capacity, operating temperature, and SMART attributes of the drive. Available as a free download, Acronis(R) True Image(TM) WD Edition software can clone drives and back up your operating system, applications, settings and data.

- WD BLUE SSD in 2.5-inch/ 7 mm housing: WDS500G2B0A

Interface

- WD Blue SSD in a 2.5-inch/ 7 mm chassis:: SATA III 6 Gbps

Performance

- Sequential read operations with up to (MB/s): 560
- Sequential write operations with up to (MB/s): 530
- Random read operations with up to (IOPS): 95k
- Random write operations with up to (IOPS): 84k
- Durability (TBW): 200

Power supply

- Average active power consumption (mW): 52
- Max. reading operation (mW): 2,050
- Max. write operation (mW): 3,350
- Snooze (mW): 56
- DevSlp (mW): 5-7

Reliability

- MTTF: Up to 1.75 million hours

Operating conditions

- Operating temperature: 0 °C to 70 °C
- Storage temperature: -55 °C to 85 °C
- Vibration (operating): 5.0 G rms, 10-2000 Hz
- Vibration (when not in use): 4.9 G rms, 7-800 Hz
- Shocks: 1,500 G at 0.5 ms half sine
- certifications: FCC, UL, TÜV, KC, BSMI, VCCI, Morocco

Dimensions

- Size: 2.5 inch/7 mm housing: 7.00 mm x 69.85 mm x 100.2 mm
- Weight: with 2.5 inch/7 mm housing: 37.4 g

📄 Specifications

**Scan this QR code to
view the product**
All details, up-to-date
prices and availability