



SSD SANDISK
300xTBW rating
MTBF 1750000 h
Read speed
6600 MB/s Write
speed 5600
MB/s NVMe Yes
PCI Express 4.0
M.2 500 GB
POWERED BY
SANDISK Blue
SN5100
WDS500G5B0E-
00CPE0

Model: WDS500G5B0E-00CPE0

Manufacturer: SANDISK

EAN: 718037906287

Product Code: 550986

R3,147

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WD Blue SN5100 NVMe SSD POWERED BY SANDISK 500 GB

Harness the power of AI with the WD Blue® SN5100 NVMe™ SSD.

The WD Blue® SN5100 NVMe™ SSD with PCIe® Gen 4.0 delivers read speeds up to 7,100 MB/s, 30% faster than our prior generation. Create and store more with capacities up to 4TB on M.2 2280 built with our next generation SANDISK 3D CBA NAND technology. And with SANDISK nCache 4.0, you can copy large files or project folders faster than before.

Speed up your projects

Accelerate your AI-enabled workflow and loading assets quicker with PCIe® Gen 4.0 read speeds up to 7,100 MB/s, 30% faster than our prior generation.

Create and store more

Make more room for your masterpieces with capacities from 500GB up to 4TB on M.2 2280 deploying next generation SANDISK 3D CBA NAND technology.

Work faster, wait less

Copy large files or project folders in blistering speeds thanks to our SANDISK nCache™ 4.0 technology.

Create confidently

Your new drive comes with a 5-year limited warranty, giving you peace of mind that your hard work isn't wasted.

Free Acronis® True Image™ software

Download Acronis True Image™ for SANDISK data migration software to transfer your files to your new SSD.

Monitor your new drive

Monitor your SSD's performance and check for updates with the downloadable SANDISK Dashboard application.

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- PCIe® Gen 4.0, NVMe™ SSD
- Sequential read speeds up to 7,100 MB/s and sequential write speeds up to 6,700 MB/s (1TB-2TB models)
- Random read speeds up to 1M IOPS and random write speeds up to 1.3M IOPS (1TB-2TB models)
- 500GB, 1TB, 2TB, and 4TB
- SANDISK® QLC 3D CBA NAND
- SANDISK® nCache™ 4.0 Technology

Summary: Western Digital 500GB WD Blue® SN5100 NVMe™ SSD. SSD capacity: 500 GB, SSD form factor: M.2, Read speed: 6600 MB/s, Write speed: 5600 MB/s, Component for: PC/Laptop | Vendor Homepage: <https://shop.sandisk.com/products/ssd/internal-ssd/wd-blue-sn5100-nvme-ssd?sku=WDS500G5B0E-00CPE0> | SSD capacity: 500 | SSD form factor: M.2 | Interface: PCI Express 4.0 | NVMe: Yes | Memory type: QLC 3D NAND | Component for: PC/Laptop | Hardware encryption: Yes | M.2 SSD size: 2280 (22 x 80 mm) | Write speed: 5600 | Read speed: 6600 | Random read (4KB): 660000 | Random write (4KB): 1100000 | PCI Express interface data lanes: x4 | Security algorithms: TCG Pyrite | Mean time between failures (MTBF): 1750000 | TBW rating: 300 | Average power consumption (read): 3.8 | Average power consumption (write): 3.8 | Width: 22 | Depth: 80 | Height: 2.38 | Weight: 5.7 | Package width: 101.6 | Package depth: 21 | Package height: 126 | Package weight: 49 | Package type: Box | Operating temperature (T-T): 0 - 85 | Storage temperature (T-T): -40 - 85 | Operating vibration: 5 | Non-operating vibration: 4.9 | Operating shock: 1500 | Compliance certificates: BSMI/CB/CE/Federal Communications Commission (FCC)/ICES/KCC/RCM/RoHS/UKCA/UL/VCCI | Unit Calculated Weight: 0.056 | Product Net Weight: 0.0057 | Unit Calculated Volume: 0.0003668 | Units per Shipping Box: 10 | Unit Width: 10.2 | Units per Pallet: 0 | Shipping Box Height: 14.5 | Unit Depth: 12.5 | Unit Height: 2.3 | Name: SSD PCIE G4 M.2 NVME 500GB BLU/SN5100 WDS500G5B0E SANDISK | Model: WD Blue SN5100 NVMe SSD POWERED BY SANDISK 500 GB | SSD series: Blue SN5100 | Additional model naming: POWERED BY SANDISK

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