



SSD SANDISK
2400xTBW
rating NVMe Yes
PCI Express 5.0
M.2 1000 GB
POWERED BY
SANDISK Black
SN8100
WDS100T1X0M



Model: WDS100T1X0M

Manufacturer: SANDISK

EAN: 619659220884

Product Code: 40884

R4,574 ~~R7,093~~

Experience the pinnacle of SSD performance with the WD_BLACK™ SN8100 NVMe™ Gen 5 SSD. Build your new gaming or workstation system with our cutting-edge PCIe® Gen 5 SSD, delivering blistering speeds up to 14,900 MB/s for demanding tasks like high-level gaming, professional content creation, and AI applications. As an industry-leader for PCIe® Gen 5 power efficiency, the WD_BLACK™ SN8100 NVMe™ SSD harnesses advanced TLC 3D CBA NAND technology to help ensure

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performance and reliability, while a low-power profile keeps your system running smoothly. Our new integrated heatsink features a signature WD_BLACK™ design and customizable RGB lighting. Engineered with anodized aluminum, double TIM pads, and a sleek low-profile design, it helps keep temperatures in check with a superior passive cooling design — no noisy fans or extra power cords required. With up to 4TB of storage and a suite of powerful features, this SSD is the ultimate upgrade for discerning users.

Experience the breakneck speed of PCIe® Gen 5

Drastically enhance your gaming and content creation experience with the speed of PCIe® Gen 5.0x4 NVMe™ M.2 SSD technology — perfect for gaming, content creation, and loading models for AI-powered applications.

Blistering speeds for intense tasks

With the help of our nCache™ 4.0 feature, the WD_BLACK™ SN8100 SSD reaches sequential read speeds up to an astonishing 14,900MB/s, sequential write speeds up to 14,000MB/s, and over 2,300,000 IOPS of random performance (2TB – 4TB models).

Designed to perform

Our latest TLC 3D CBA NAND technology provides our most advanced combination of speed and reliability to help ensure your experience is at top performance, no matter if you're gaming or working.

An industry-leader for PCIe® Gen 5 power efficiency

Enjoy over 100% more power efficiency than our PCIe® Gen4 drive and simplify your system design without adding expensive cooling. Plus, an average operating power of 7W or under helps keep your drive running at optimal performance.

Endurance for every workload

With up to 2,400 TBW (4TB model) endurance, your machine can handle even the most intense tasks, such as gaming, caching, video editing, and AI workloads.

Room for revolution

Hold your biggest projects and still have room for OS updates, models for AI-powered applications,

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large datasets, and your game library thanks to immense capacities up to 4TB. And with the latest security features like TCG Opal, you can help protect and encrypt your sensitive data.

Custom WD_BLACK™ heatsink

Keep your SSD cool with a low-profile passive cooling heatsink design with customizable RGB lighting to match your style and your build needs. Our new and improved heatsink is engineered with anodized aluminum, redesigned for improved airflow. Allowing this heatsink drive to be completely noiseless, with no extra power or fans needed.

Summary: Western Digital Black WD_BLACK™ SN8100 NVMe™ SSD POWERED BY SANDISK 1 TB. SSD capacity: 1 TB, SSD form factor: M.2, Read speed: 14900 MB/s, Write speed: 11000 MB/s, Component for: PC/Laptop | Vendor Homepage: <https://shop.sandisk.com/products/ssd/internal-ssd/wd-black-sn8100-ssd?sku=WDS100T1X0M-00CMT0> | Component for: PC/Laptop | Hardware encryption: Yes | Interface: PCI Express 5.0 | M.2 key ID: M | M.2 SSD size: 2280 (22 x 80 mm) | Memory type: TLC 3D NAND | NVMe: Yes | PCI Express interface data lanes: x4 | Random read (4KB): 1600000 | Random write (4KB): 2400000 | Read speed: 14900 | Sequential read speed (AS SSD): 14900 | Sequential write speed (AS SSD): 11000 | SSD capacity: 1000 | SSD form factor: M.2 | TBW rating: 2400 | Windows operating systems supported: Windows 10/Windows 11 | Write speed: 11000 | Depth: 22 | Height: 2.2 | Weight: 7.5 | Width: 80 | Operating temperature (T-T): 0 - 85 | Storage temperature (T-T): -40 - 85 | Compliance certificates: BSMI/CE/Federal Communications Commission (FCC)/ICES/KCC/RCM/TÜV mark/UL/VCCI | Model: WD_BLACK SN8100 NVMe SSD POWERED BY SANDISK 1 TB | SSD series: Black SN8100 | Additional model naming: POWERED BY SANDISK | Units per Shipping Box: 10 | Unit Calculated Volume: 0.0003748 | Unit Calculated Weight: 0.061

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