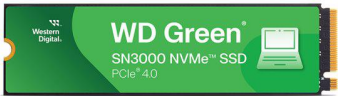


WD Green SN3000 WDS100T4G0E-00CPS0 (WDS100T4G0E-00CPS0)

WD Green SN3000 WDS100T4G0E-00CPS0 - SSD - 1 TB - internal - M.2 2280 - PCIe 4.0 x4 (NVMe)



The WD Green SN3000 offers a balance of performance and efficiency in a compact M.2 2280 form factor. With a capacity of 1 TB, it harnesses the power of PCI Express 4.0 x4 (NVMe) to achieve internal data rates of 5000 MBps for read operations and 4200 MBps for write operations. Designed for durability, this solid-state drive features shock and vibration tolerance ensuring its reliability in varied environments from 0°C to 80°C for operation or up to 85°C for storage. With an endurance rating of 150 TB, the WD Green SN3000 is suitable for everyday computing tasks while providing a long lifespan and low power consumption, making it a choice for a range of applications.

Key Selling Points

- 1 TB capacity enhances data storage options
- Achieves internal data rates of 5000 MBps read and 4200 MBps write
- Durable design with shock and vibration tolerance
- Wide temperature range for operation and storage
- Endurance rating of 150 TB ensures longevity

Product Features

- Efficient performance**
The SSD utilizes PCI Express 4.0 x4 (NVMe) interface to deliver speed for both read and write operations, ensuring swift data transfer and accessibility.
- Robust durability**
With shock tolerance up to 1500 g and vibration resistance, this solid-state drive is built to withstand various environmental conditions, making it reliable for everyday use.
- Versatile temperature range**
The operational capability spans from 0°C to 80°C, while the storage temperature can range from -40°C to 85°C, allowing for adaptability in differing environments.
- Long-lasting endurance**
An endurance rating of 150 TB signifies the drive's capacity to handle extensive data transfers, ensuring reliability and longevity for various tasks.
- Compact design**
The M.2 2280 form factor provides a sleek and space-saving solution for modern devices, facilitating easy installation and reduced footprint.

Main Specifications

Product Description	WD Green SN3000 WDS100T4G0E-00CPS0 - SSD - 1 TB - PCIe 4.0 x4 (NVMe)
Type	Solid state drive - internal
Capacity	1 TB
NAND Flash Memory Type	Quad-level cell (QLC)
Form Factor	M.2 2280
Interface	PCIe 4.0 x4 (NVMe)
Features	NVM Express (NVMe)
Dimensions (WxDxH)	22 mm x 80 mm x 2.38 mm
Manufacturer Warranty	3-year warranty

Extended Specification

General

Device Type	Solid state drive - internal
Capacity	1 TB
NAND Flash Memory Type	Quad-level cell (QLC)
Form Factor	M.2 2280
Interface	PCIe 4.0 x4 (NVMe)
Features	NVM Express (NVMe)
Width	22 mm

Depth	80 mm
Height	2.38 mm

Manufacturer Warranty

Service & Support	Limited warranty - 3 years
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Miscellaneous

Compliant Standards	BSMI, CAN ICES-3(B)/NMB3(B), FCC, KCC, Morocco, RCM, TUV, UL, VCCI, RoHS
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Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	80 °C
Min Storage Temperature	-40 °C
Max Storage Temperature	85 °C
Shock Tolerance (operating)	1500 g @ 0.5 ms half-sine
Vibration Tolerance (operating)	5 g @ 10-2000 Hz
Vibration Tolerance (non-operating)	4.9 g @ 7-800 Hz

Performance

SSD Endurance	150 TB
Internal Data Rate	5000 MBps (read) / 4200 MBps (write)

Reliability

MTBF	1,750,000 hours
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Expansion & Connectivity

Interfaces	1 x M.2 Card
Compatible Bay	M.2 2280

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet