

WD Blue SN550 NVMe SSD WDBA3V2500ANC - SSD - 250 GB - PCIe 3.0 x4 (NVMe)



23-05-2024

SKU	WDBA3V2500ANC-WRSN
Product Description:	WD Blue SN550 NVMe SSD WDBA3V2500ANC - SSD - 250 GB - PCIe 3.0 x4 (NVMe)
Type:	Solid state drive - internal
Capacity:	250 GB
Form Factor:	M.2 2280
Interface:	PCIe 3.0 x4 (NVMe)
Features:	3D NAND Technology
Dimensions (WxDxH):	22 mm x 80 mm x 2.38 mm



General

Device Type:	Solid state drive - internal
Capacity:	250 GB
Form Factor:	M.2 2280
Interface:	PCIe 3.0 x4 (NVMe)
Features:	3D NAND Technology
Width:	22 mm
Depth:	80 mm
Height:	2.38 mm
Weight:	6.5 g

Performance

SSD Endurance:	150 TB
Internal Data Rate:	2400 MBps (read) / 950 MBps (write)
4KB Random Read:	170000 IOPS
4KB Random Write:	135000 IOPS

Reliability

MTBF:	1,750,000 hours
-------	-----------------

Environmental Parameters

Min Operating Temperature:	0 °C
Max Operating Temperature:	70 °C
Min Storage Temperature:	-55 °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

Manufacturer Warranty

Service & Support:	Limited warranty - 5 years
--------------------	----------------------------

Miscellaneous

Compliant Standards:	UL, TUV, VCCI, C-Tick, BSMI, FCC, KCC
Localisation:	Worldwide (excluding China)

Power

Power Consumption:	20 mW (low power active) 5 mW (sleep) 3.5 Watt (maximum)
--------------------	--

Expansion & Connectivity

Interfaces:	1 x PCI Express 3.0 x4 (NVMe) - M.2 Card
Compatible Bay:	M.2 2280

