

WD Blue PC SSD WDBNCE2500PNC - SSD - 250 GB - SATA 6Gb/s



23-05-2024

SKU	WDBNCE2500PNC-WRSN
Product Description:	WD Blue PC SSD WDBNCE2500PNC - SSD - 250 GB - SATA 6Gb/s
Type:	Solid state drive - internal
Capacity:	250 GB
Form Factor:	2.5"
Interface:	SATA 6Gb/s
Data Transfer Rate:	600 MBps
Features:	DEVSLP SATA low power mode, Tiered Caching Technology, S.M.A.R.T.



General

Device Type:	Solid state drive - internal
Capacity:	250 GB
Form Factor:	2.5"
Interface:	SATA 6Gb/s
Features:	DEVSLP SATA low power mode, Tiered Caching Technology, S.M.A.R.T.
Width:	69.85 mm
Depth:	100.2 mm
Height:	7 mm
Weight:	37.4 g

Performance

SSD Endurance:	100 TB
Drive Transfer Rate:	600 MBps (external)
Internal Data Rate:	540 MBps (read) / 500 MBps (write)
4KB Random Read:	97000 IOPS
4KB Random Write:	79000 IOPS

Reliability

MTBF:	1,750,000 hours
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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 pulse
Vibration Tolerance (operating):	5 g @ 10-2000 Hz
Vibration Tolerance (non-operating):	4.9 g @ 7-800 Hz

Manufacturer Warranty

Service & Support:	Limited warranty - 3 years
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Miscellaneous

Compliant Standards:	UL, TUV, VCCI, BSMI, FCC, KC
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Software & System Requirements

Software Included:	WD SSD Dashboard
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Power

Power Consumption:	70 mW (active) 2350 mW (read) 3400 mW (write) 6 mW (DevSleep)
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Expansion & Connectivity

Interfaces:	1 x SATA 6 Gb/s
Compatible Bay:	2.5"

