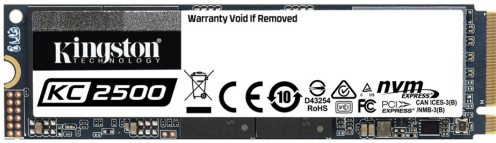


Kingston KC2500 - SSD - 250 GB - PCIe 3.0 x4 (NVMe)



Not in stock

SKU	SKC2500M8/250G
Product Description:	Kingston KC2500 - SSD - 250 GB - PCIe 3.0 x4 (NVMe)
Type:	Solid state drive - internal
Capacity:	250 GB
Hardware Encryption:	Yes
Encryption Algorithm:	256-bit AES-XTS
NAND Flash Memory Type:	3D triple-level cell (TLC)
Form Factor:	M.2 2280

General

Device Type:	Solid state drive - internal
Capacity:	250 GB
Hardware Encryption:	Yes
Encryption Algorithm:	256-bit AES-XTS
NAND Flash Memory Type:	3D triple-level cell (TLC)
Form Factor:	M.2 2280
Interface:	PCIe 3.0 x4 (NVMe)
Features:	96-layer 3D NAND technology, NVMe Express (NVMe), SMI 2262EN controller
Width:	22 mm
Depth:	80 mm
Height:	3.5 mm
Weight:	8 g

Performance

SSD Endurance:	150 TB
Internal Data Rate:	3500 MBps (read) / 1200 MBps (write)
4KB Random Read:	375000 IOPS
4KB Random Write:	300000 IOPS

Environmental Parameters

Min Operating Temperature:	0 °C
Max Operating Temperature:	70 °C
Min Storage Temperature:	-40 °C
Max Storage Temperature:	85 °C
Vibration Tolerance (operating):	2.17 g @ 7-800 Hz
Vibration Tolerance (non-operating):	20 g @ 20-1000 Hz

Manufacturer Warranty

Service & Support:	Limited warranty - 5 years ; Technical support
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Power

Power Consumption:	0.003 Watt (idle) ; 0.2 Watt (average) ; 2.1 Watt (read) ; 7 Watt (write)
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Expansion & Connectivity

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

Reliability

MTBF:	2,000,000 hours
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Produktdatablad genereret d. 18-10-2024 11:18.

Vær opmærksom på at priser og lagerstatus var gældende på genereringstidspunktet og dermed ikke kan garanteres.