



Kingston Technology KC2500 500 GB M.2 PCI Express 3.0 NVMe 3D TLC



Tuotemerkki : Kingston Technology

Tuotekoodi: SKC2500M8/500G

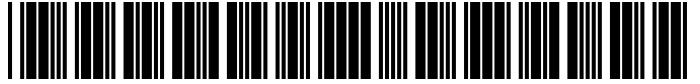
Tuotteen nimi : KC2500

Kingston Technology KC2500. SSD-kapasiteetti: 500 GB, SSD-malli: M.2, Lukunopeus: 3500 MB/s, Kirjoitusnopeus: 2500 MB/s, Komponentti (tuotteelle): PC/Laptop

Features		Power	
Security algorithms	256-bit AES-XTS	Power consumption (read)	2.1 W
SSD capacity *	500 GB	Power consumption (write)	7 W
SSD form factor *	M.2	Power consumption (average)	0.2 W
Interface *	PCI Express 3.0	Power consumption (idle)	0.003 W
NVMe *	✓	Weight & dimensions	
Memory type *	3D TLC	Width	80 mm
Component for *	PC/Laptop	Depth	3.5 mm
Hardware encryption *	✓	Height	22 mm
Read speed	3500 MB/s	Weight	10 g
Write speed	2500 MB/s	Operational conditions	
Random read (4KB)	375000 IOPS	Operating temperature (T-T)	0 - 70 °C
Random write (4KB)	300000 IOPS	Storage temperature (T-T)	-40 - 85 °C
Controller type	SMI SM2262EN	Operating vibration	2.17 G
Mean time between failures (MTBF)	2000000 h	Non-operating vibration	20 G
TCG Opal 2.0	✓	Other features	
TBW rating	300	Compliance certificates	RoHS
Certification	CE, FCC	Logistics data	
		Harmonized System (HS) code	84717070



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