



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



0740617307160



740617307160

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.