



Kingston Technology DC1000B M.2 480 GB PCI Express 3.0 NVMe 3D TLC NAND

Merk : Kingston Technology

Artikelcode: SEDC1000BM8/480G



Productnaam : DC1000B



- M.2 (2280) NVMe PCIe SSD Gen 3.0 x 4, prestaties
- NVMe voor serveropstartwerklasten
- Voor toepassingen geoptimaliseerde capaciteiten (240GB en 480GB) houden de kosten laag
- On-board bescherming tegen stroomonderbreking (PLP)
- Zelfversleutelende schijf (SED) met 256-bits AES-XTS 480GB, 3D TLC, PCIe NVMe Gen3 x4, M.2, AES 256-bit
- Kingston Technology DC1000B. SSD capaciteit: 480 GB, SSD-vormfactor: M.2, Leesnelheid: 3200 MB/s, Schrijfsnelheid: 565 MB/s, Component voor: PC/Laptop



Kenmerken		Energie	
Ondersteunde beveiligingsalgoritmen	256-bit AES	Stroomverbruik (lezen)	1,74 W
SSD-vormfactor *	M.2	Stroomverbruik (schrijven)	4,88 W
SSD capaciteit *	480 GB	Vermogensverbruik (max)	5,47 W
Interface *	PCI Express 3.0	Stroomverbruik (idle)	1,9 W
NVMe *	✓	Eisen aan de omgeving	
Type geheugen *	3D TLC NAND	Bedrijfstemperatuur (T-T)	0 - 70 °C
Component voor *	PC/Laptop	Temperatuur bij opslag	-40 - 85 °C
Hardware encryptie *	✓	Trillingen, in bedrijf	2,17 G
Leessnelheid	3200 MB/s	Trillingen bij opslag	20 G
Schrijfsnelheid	565 MB/s	Technische details	
Random read (4KB)	205000 IOPS	Duurzaamheidscertificaten	RoHS
Random write (4KB)	20000 IOPS	Certificaten van naleving	RoHS
Leeslatentie	161 µs	Gewicht en omvang	
Schrijflatentie	75 µs	Breedte	80 mm
S.M.A.R.T. support	✓	Diepte	22 mm
Bescherming tegen spanningsverlies	✓	Hoogte	3,8 mm
Mean time between failures (MTBF)	2000000 uur	Gewicht	9 g
Certificering	CE, FCC	Logistieke gegevens	
		Code geharmoniseerd systeem (HS) 84717070	



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