

Intel DC SSDPE2KX040T807 internal solid state drive U.2 4 TB PCI Express 3.1 TLC 3D NAND NVMe

Merk : Intel

Productfamilie: DC

Artikelcode:
SSDPE2KX040T807

Productnaam :
SSDPE2KX040T807



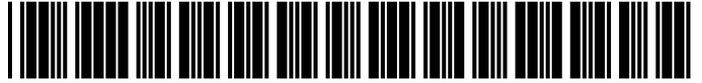
Intel DC SSDPE2KX040T807. SSD capaciteit: 4 TB, SSD-vormfactor: U.2, Leessnelheid: 3000 MB/s, Schrijfsnelheid: 2900 MB/s, Component voor: Server/werkplaats



Kenmerken		Energie	
NVMe versie	1.2	Stroomverbruik (lezen)	14 W
Ondersteunde beveiligingsalgoritmen	256-bit AES	Stroomverbruik (schrijven)	14 W
SSD-vormfactor *	U.2	Stroomverbruik (idle)	5 W
SSD capaciteit *	4 TB	Brand-specifieke functies	
Interface *	PCI Express 3.1	Intel® Rapid Start Technology	✗
Type geheugen *	TLC 3D NAND	Intel® Remote Secure Erase	✗
NVMe *	✓	Intel® Smart Response Technology	✗
Component voor *	Server/werkplaats	Eisen aan de omgeving	
Hardware encryptie *	✓	Bedrijfstemperatuur (T-T)	0 - 70 °C
Leessnelheid	3000 MB/s	Maximale temperatuur (in bedrijf)	70 °C
Schrijfsnelheid	2900 MB/s	Trillingen, in bedrijf	2,17 G
Random read (4KB)	636500 IOPS	Trillingen bij opslag	3,13 G
Random write (4KB)	111500 IOPS	Schokbestendigheid	1000 G
Random lezen (100% span)	636500 IOPS	Gewicht en omvang	
Random schrijven (100% span)	111500 IOPS	Hoogte	15 mm
Willekeurige latentie - lezen (tot)	95 µs	Gewicht	139 g
Willekeurige latentie - schrijven (tot)	25 µs	Logistieke gegevens	
Leeslatentie	77 µs	Code geharmoniseerd systeem (HS)	84717070
Schrijfplatentie	18 µs	Overige specificaties	
PCI Express interface data lanes	x4	Intern geheugentype	PCIe 3.1 x4, NVMe
End-to-End Data Protection	✓	Stroomverbruik (indien actief)	14 W
Enhanced Power Loss Data Protection technology	✓	Lanceringsdatum	Q1'18
SSD temperatuur bewaking	✓	SSD-uthoudingsrating	6.3 PBW
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁷ bits read	SSD-schok	1000G,0.5ms
Mean time between failures (MTBF)	2000000 uur	Sequentiële leessnelheid	3000 MB/s
Export Control Classification Number (ECCN)	5A992C	Sequentiële schrijfsnelheid	2900 MB/s
Commodity Classification Automated Tracking System (CCATS)	G162706	Status	Launched
		Processorfamilie	Intel SSD DC P4510
		Productserie	Intel® SSD DC P4510 Series
		Productcodenaam	Cliffdale Refresh



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