

Intel Consumer SSDPEKNW512G8XT internal solid state drive M.2 512 GB PCI Express 3.0 3D2 QLC NVMe



Merk : Intel

Productfamilie: Consumer

Artikelcode:
SSDPEKNW512G8XT

Productnaam :
SSDPEKNW512G8XT

Intel Consumer SSDPEKNW512G8XT. SSD capaciteit: 512 GB, SSD-vormfactor: M.2, Component voor:
Server/werkplaats

Kenmerken

Ondersteunde beveiligingsalgoritmen	256-bit AES
SSD-vormfactor *	M.2
SSD capaciteit *	512 GB
Interface *	PCI Express 3.0
Type geheugen *	3D2 QLC
NVMe *	✓
Component voor *	Server/werkplaats
Hardware encryptie *	✓
PCI Express interface data lanes	x4
End-to-End Data Protection	✓
Enhanced Power Loss Data Protection technology	✗
SSD temperatuur bewaking	✗
Temperatuurbewaking en -registratie	✗
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁵ bits read
Mean time between failures (MTBF)	1600000 uur
TBW-classificatie	100
Marktsegment	Mobiel
SSD ARK ID	149405

Energie

Stroomverbruik (lezen)	0,1 W
Stroomverbruik (schrijven)	0,1 W
Stroomverbruik (idle)	0,04 W

Brand-specifieke functies

Intel® High Endurance Technology (HET)	✗
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Brand-specifieke functies

Intel® Rapid Start Technology	✓
Intel® Remote Secure Erase	✗
Intel® Smart Response Technology	✓

Eisen aan de omgeving

Bedrijfstemperatuur (T-T)	0 - 70 °C
Maximale temperatuur (in bedrijf)	70 °C
Trillingen, in bedrijf	2,17 G
Trillingen bij opslag	3,13 G
Schokbestendigheid	1000 G
Schokbestendigheid (buiten gebruik)	1000 G
Schok in/buiten gebruik	1000 G

Gewicht en omvang

Breedte	22 mm
Diepte	80 mm
Gewicht	10 g

Logistieke gegevens

Code geharmoniseerd systeem (HS)	8471706000
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Overige specificaties

Lanceringsdatum	03'18
Random schrijven (8 GB span)	220000 IOPS
SSD-stroomverbruik (inactief)	0.040W
Sequentiële leessnelheid	1500 MB/s
Sequentiële schrijfsnelheid	1000 MB/s
Status	Launched
Random lezen (8 GB span)	90000 IOPS
Productcodenaam	Neptune Harbor



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