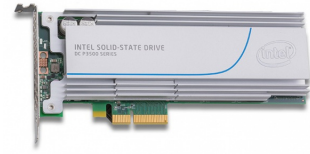


Intel DC P3500 2 TB PCI Express 3.0 MLC



Brand : Intel

Product code: SSDPEDMX020T410

Product name : DC P3500

2TB DC P3500, 20nm, MLC, AIC, PCIe Gen3 x4, 10 Pack

Intel DC P3500. SSD capacity: 2 TB, Read speed: 2700 MB/s, Write speed: 1800 MB/s



Features		Power	
SSD capacity *	2 TB	Operating voltage	3.3 V
Interface *	PCI Express 3.0	Power consumption (read)	11 W
Memory type *	MLC	Power consumption (write)	25 W
Read speed	2700 MB/s	Power consumption (idle)	4 W
Write speed	1800 MB/s	Brand-specific features	
Random read (4KB)	430000 IOPS	Intel High Endurance Technology (HET)	✗
Random write (4KB)	28000 IOPS	Operational conditions	
Random read (8KB)	250000 IOPS	Operating temperature (T-T)	0 - 55 °C
Random write (8KB)	14000 IOPS	Storage temperature (T-T)	-55 - 95 °C
Random read (100% span)	430000 IOPS	Operating vibration	2.17 G
Random write (100% span)	28000 IOPS	Non-operating vibration	3.13 G
Read latency	20 µs	Non-operating shock	50 G
Write latency	20 µs	Maximum non-operating altitude	12192 m
Lithography	20 nm	Maximum operating altitude	3048 m
PCI Express interface data lanes	x4	Technical details	
Enhanced Power Loss Data Protection technology	✓	Sustainability certificates	RoHS
SSD temperature monitoring	✓	Weight & dimensions	
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁷ bits read	Weight	195 g
Mean time between failures (MTBF)	2000000 h	Other features	
SSD usage tag	Data center	Internal	✓
SSD ARK ID	79632	Processor lithography	20 nm
		Status	Launched
		Product family	Data center SSD
		Product series	Intel DC P3500
		Product codename	Pleasantdale

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.

Publication date: 20-JAN-2024. Prints or copies of Information are only valid on the printed Publication date