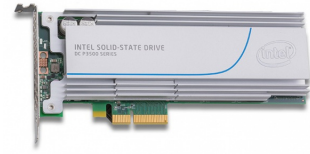


Intel DC P3500 1.2 TB PCI Express 3.0 MLC



Brand : Intel

Product code: SSDPEDMX012T410

Product name : DC P3500

1.2TB DC P3500, 20nm, MLC, AIC, PCIe Gen3 x4, 10 Pack

Intel DC P3500. SSD capacity: 1.2 TB, Read speed: 2600 MB/s, Write speed: 1200 MB/s



Features		Power	
SSD capacity *	1.2 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	2600 MB/s	Power consumption (idle)	4 W
Write speed	1200 MB/s	Brand-specific features	
Random read (4KB)	420000 IOPS	Intel High Endurance Technology (HET)	✗
Random write (4KB)	23000 IOPS	Operational conditions	
Random read (8KB)	250000 IOPS	Operating temperature (T-T)	0 - 55 °C
Random write (8KB)	10000 IOPS	Storage temperature (T-T)	-55 - 95 °C
Random read (100% span)	420000 IOPS	Operating vibration	2.17 G
Random write (100% span)	23000 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	82850	Processor lithography	20 nm
		Status	Launched
		Product family	Data center SSD
		Product series	Intel DC P3500
		Product codename	Pleasantdale

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