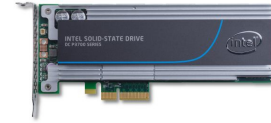


Intel DC P3700 2 TB PCI Express 3.0 MLC

Brand : Intel

Product code: SSDPEDMD020T410

Product name : DC P3700



SSD DC P3700 Series (2.0TB, 1/2 Height PCIe 3.0, 20nm, MLC)

Intel DC P3700. SSD capacity: 2 TB, Read speed: 2800 MB/s, Write speed: 2000 MB/s



Features

SSD capacity *	2 TB
Interface *	PCI Express 3.0
Memory type *	MLC
Read speed	2800 MB/s
Write speed	2000 MB/s
Random read (4KB)	450000 IOPS
Random write (4KB)	175000 IOPS
Random read (8KB)	295000 IOPS
Random write (8KB)	90000 IOPS
Random read (100% span)	450000 IOPS
Random write (100% span)	175000 IOPS
Read latency	20 μs
Write latency	20 μs
Lithography	20 nm
PCI Express interface data lanes	x4
Enhanced Power Loss Data Protection technology	✓
SSD temperature monitoring	✓
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁷ bits read
Mean time between failures (MTBF)	2000000 h
SSD usage tag	Data center
SSD ARK ID	79620

Power

Operating voltage	3.3 V
Power consumption (read)	11 W
Power consumption (write)	25 W
Power consumption (idle)	4 W

Brand-specific features

Intel High Endurance Technology (HET)	✓
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Operational conditions

Operating temperature (T-T)	0 - 55 °C
Storage temperature (T-T)	-55 - 95 °C
Operating vibration	2.17 G
Non-operating vibration	3.13 G
Non-operating shock	50 G
Maximum non-operating altitude	12192 m
Maximum operating altitude	3048 m

Technical details

Sustainability certificates	RoHS
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Weight & dimensions

Weight	195 g
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Other features

Internal	✓
Processor lithography	20 nm
Status	Launched
Product family	Data center SSD
Product series	Intel DC P3700
Product codename	Fultondale

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Publication date: 26-JAN-2024. Prints or copies of Information are only valid on the printed Publication date