

## Intel DC P3700 2.5" 1.6 TB PCI Express 3.0 MLC

**Brand :** Intel

**Product family:** DC

**Product code:**  
SSDPE2MD016T4

**Product name :** DC P3700



SSD DC P3700 Series (1.6TB, 2.5in PCIe 3.0, 20nm, MLC)

Intel DC P3700. SSD capacity: 1.6 TB, SSD form factor: 2.5", Read speed: 2800 MB/s, Write speed: 1900 MB/s, Component for: Server/workstation



Features		Power	
SSD form factor *	2.5"	Power consumption (write)	25 W
SSD capacity *	1.6 TB	Power consumption (idle)	4 W
Interface *	PCI Express 3.0	<b>Brand-specific features</b>	
Memory type *	MLC	Intel High Endurance Technology (HET)	✓
Component for *	Server/workstation	<b>Operational conditions</b>	
Read speed	2800 MB/s	Operating temperature (T-T)	0 - 70 °C
Write speed	1900 MB/s	Storage temperature (T-T)	-55 - 95 °C
Random read (4KB)	450000 IOPS	Operating vibration	2.17 G
Random write (4KB)	175000 IOPS	Non-operating vibration	3.13 G
Random read (8KB)	290000 IOPS	Non-operating shock	1000 G
Random write (8KB)	75000 IOPS	Maximum non-operating altitude	12192 m
Random read (100% span)	450000 IOPS	Maximum operating altitude	3048 m
Random write (100% span)	150000 IOPS	<b>Technical details</b>	
Read latency	20 µs	Sustainability certificates	RoHS
Write latency	20 µs	<b>Weight &amp; dimensions</b>	
Lithography	20 nm	Width	69.8 mm
Enhanced Power Loss Data Protection technology	✓	Depth	100.5 mm
SSD temperature monitoring	✓	Height	15 mm
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 <sup>17</sup> bits read	Weight	125 g
Mean time between failures (MTBF)	2000000 h	<b>Other features</b>	
SSD usage tag	Data center	Internal	✓
SSD ARK ID	79619	Processor lithography	20 nm
<b>Power</b>		Status	Launched
Operating voltage	3.3 V	Product family	Data center SSD
Power consumption (read)	11 W	Product series	Intel DC P3700
		Product codename	Fultondale

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