

Intel DC P3600 Half-Height/Half-Length (HH/HL) 400 GB PCI Express MLC

Brand : Intel

Product code: SSDPEDME400G4U1

Product name : DC P3600



SSD DC P3600 Series (400GB, 1/2 Height PCIe 3.0, 20nm, MLC)

[Intel DC P3600 Half-Height/Half-Length \(HH/HL\) 400 GB PCI Express MLC:](#)

Proven Quality and Reliability

The Intel® Solid-State Drive Data Center Family for PCIe brings extreme data throughput directly to Intel® Xeon® processors with up to six times faster data transfer speed than 6 Gbps SAS/SATA SSDs. Intel® SSD Data Center Family for PCIe devices are based on Intel®-based controllers, firmware, and leading manufacturing process NAND flash memory. Rigorous qualification and compatibility testing ensures a highly reliable SSD.

Intel DC P3600. SSD capacity: 400 GB, SSD form factor: Half-Height/Half-Length (HH/HL), Read speed: 2100 MB/s, Write speed: 550 MB/s



Features		Features	
SSD form factor *	Half-Height/Half-Length (HH/HL)	Certification	UL, CE, C-Tick, BSMI, KCC, Microsoft WHQL, VCCI
SSD capacity *	400 GB	Power	
Interface *	PCI Express	Operating voltage	3.3 V
Memory type *	MLC	Power consumption (read)	7 W
Read speed	2100 MB/s	Power consumption (write)	8 W
Write speed	550 MB/s	Power consumption (idle)	4 W
Random read (4KB)	320000 IOPS	Brand-specific features	
Random write (4KB)	30000 IOPS	Intel High Endurance Technology (HET)	✓
Random read (8KB)	180000 IOPS	Operational conditions	
Random write (8KB)	19000 IOPS	Operating temperature (T-T)	0 - 55 °C
Random read (100% span)	320000 IOPS	Storage temperature (T-T)	-55 - 95 °C
Random write (100% span)	30000 IOPS	Operating vibration	2.17 G
Read latency	20 µs	Non-operating vibration	3.13 G
Write latency	20 µs	Operating shock	50 G
Lithography	20 nm	Maximum non-operating altitude	12192 m
PCI Express interface data lanes	x4	Maximum operating altitude	3048 m
PCI Express CEM revision	2.0	Technical details	
End-to-End Data Protection	✓	Sustainability certificates	RoHS
Enhanced Power Loss Data Protection technology	✓	Weight & dimensions	
SSD temperature monitoring	✓	Weight	185 g
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁷ bits read	Other features	
Mean time between failures (MTBF)	2000000 h	Product colour	Silver
Linux operating systems supported	✓	Internal	✓
SSD usage tag	Data center	Endurance rating	2.19 PB
		Born on date	Q2'14
		SSD endurance rating	2.19 PBW (JEDEC workload)
		SSD shock	50 G Trapezoidal, 170 in/s



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