

## Intel DC P3600 Half-Height/Half-Length (HH/HL) 1.2 TB PCI Express MLC

**Brand :** Intel

**Product code:** SSDPEDME012T4W1

**Product name :** DC P3600



SSD DC P3600 Series (1.2TB, 1/2 Height PCIe 3.0, 20nm, MLC)

[Intel DC P3600 Half-Height/Half-Length \(HH/HL\) 1.2 TB 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: 1.2 TB, SSD form factor: Half-Height/Half-Length (HH/HL), Read speed: 2600 MB/s, Write speed: 1250 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 *	1.2 TB	<b>Power</b>	
Interface *	PCI Express	Operating voltage	3.3 V
Memory type *	MLC	Power consumption (read)	9 W
Read speed	2600 MB/s	Power consumption (write)	15 W
Write speed	1250 MB/s	Power consumption (idle)	4 W
Random read (4KB)	450000 IOPS	<b>Brand-specific features</b>	
Random write (4KB)	50000 IOPS	Intel High Endurance Technology (HET)	✓
Random read (8KB)	260000 IOPS	<b>Operational conditions</b>	
Random write (8KB)	26000 IOPS	Operating temperature (T-T)	0 - 55 °C
Random read (100% span)	450000 IOPS	Storage temperature (T-T)	-55 - 95 °C
Random write (100% span)	50000 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	<b>Technical details</b>	
End-to-End Data Protection	✓	Sustainability certificates	RoHS
Enhanced Power Loss Data Protection technology	✓	<b>Weight &amp; dimensions</b>	
SSD temperature monitoring	✓	Weight	195 g
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 <sup>17</sup> bits read	<b>Other features</b>	
Mean time between failures (MTBF)	2000000 h	Product colour	Silver
		Internal	✓
		Endurance rating	6.57 PB
		Born on date	Q2'14
		SSD endurance rating	6.57 PBW (JEDEC Workload)
		SSD shock	50 G Trapezoidal, 170 in/s

## Features

Windows operating systems supported	Windows 10 Education, Windows 10 Education x64, Windows 10 Enterprise, Windows 10 Enterprise x64, Windows 10 Home, Windows 10 Home x64, Windows 10 Pro, Windows 10 Pro x64, Windows 7 Enterprise, Windows 7 Enterprise x64, Windows 7 Home Basic, Windows 7 Home Basic x64, Windows 7 Home Premium, Windows 7 Home Premium x64, Windows 7 Professional, Windows 7 Professional x64, Windows 7 Starter, Windows 7 Starter x64, Windows 7 Ultimate, Windows 7 Ultimate x64, Windows 8, Windows 8 Enterprise, Windows 8 Enterprise x64, Windows 8 Pro, Windows 8 Pro x64, Windows 8 x64, Windows 8.1, Windows 8.1 Enterprise, Windows 8.1 Enterprise x64, Windows 8.1 Pro, Windows 8.1 Pro x64, Windows 8.1 x64
SSD usage tag	Data center



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