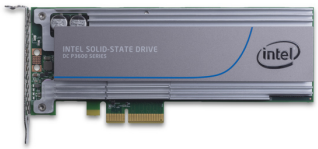
Intel DC P3600 Half-Height/Half-Length (HH/HL) 800 GB PCI Express 3.0 MLC NVMe

Brand : Intel

Product code: SSDPEDME800G401

Product name : DC P3600



SSD DC P3600 Series (800GB, 1/2 Height PCIe 3.0, 20nm, MLC)
Intel DC P3600. SSD capacity: 800 GB, SSD form factor: Half-Height/Half-Length (HH/HL), Read speed: 2600 MB/s, Write speed: 1000 MB/s

RoHS 2002/95/EC

Features	
SSD form factor *	Half-Height/Half-Length (HH/HL)
SSD capacity *	800 GB
Interface *	PCI Express 3.0
Memory type *	MLC
NVMe *	✓
Read speed	2600 MB/s
Write speed	1000 MB/s
Random read (100% span)	430000 IOPS
Random write (100% span)	50000 IOPS
Read latency	20 µs
Write latency	20 µs
Lithography	20 nm
PCI Express interface data lanes	x4
PCI Express CEM revision	2.0
End-to-End Data Protection	✓
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
Windows operating systems supported	✓
Linux operating systems supported	✓
Market segment	Server
SSD usage tag	Data center
SSD ARK ID	80998
Certification	UL, CE, C-Tick, BSMI, KCC, Microsoft WHQL, VCCI

Power	
Power consumption (read)	12 W
Power consumption (write)	9 W
Power consumption (idle)	4 W

Brand-specific features	
Intel High Endurance Technology (HET)	✓

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
Operating shock	50 G
Maximum non-operating altitude	40000 m
Maximum operating altitude	10000 m

Technical details	
Sustainability certificates	RoHS

Weight & dimensions	
Weight	185 g

Other features

Product colour	Silver
Internal	✓
Processor lithography	20 nm
Endurance rating	4.38 PB
Born on date	Q2'14
Drive capacity	800 GB
Launch date	Q2'14
Product brief URL	http://www.intel.com/content/dam/www/public/us/en/documents/product-briefs/intel-ssd-dc-family-for-pcie-brief.pdf
Product name	Intel SSD DC P3600 Series (800GB, 1/2 Height PCIe 3.0, 20nm, MLC)
SSD endurance rating	4.38 PBW (JEDEC workload)
SSD power consumption (active)	12W (write), 9W (read)
SSD power consumption (idle)	4W
SSD shock	50 G Trapezoidal, 170 in/s
SSD weight	185 g
Sequential reading	2600 MB/s
Sequential writing speed	1000 MB/s
Status	Discontinued
Last change	63903513
Product family	Data center SSD
Product series	Intel DC P3600
Product codename	Fultondale

5032037073974

0735858278225

735858278225

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