



Intel® SSD DC P3600 Series (2.0TB, 1/2 Height PCIe 3.0, 20nm, MLC)

Specifications

Essentials

Package Specifications

Advanced Technologies

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Specifications

Essentials	
Status	Launched
Launch Date	Q2'14
Sequential Read	2600 MB/s
Sequential Write	1700 MB/s
Random Read (100% Span)	450000 IOPS
Random Write (100% Span)	56000 IOPS
Latency - Read	20 µs
Latency - Write	20 µs
Power - Active	25W (write), 10W (read)
Power - Idle	4W
Vibration - Operating	2.17 GRMS
Vibration - Non-Operating	3.13 GRMS
Shock (Operating and Non-Operating)	50 G Trapezoidal, 170 in/s
Operating Temperature Range	0°C to 55°C
Weight	195gm
Endurance Rating (Lifetime Writes)	10.95 PBW (JEDEC workload)
Mean Time Between Failures (MTBF)	2,000,000 Hrs
Uncorrectable Bit Error Rate (UBER)	less than 1 sector per 1e17 bits read
Warranty Period	5 yrs
Datasheet	Link
Product Brief	Link
Additional Information URL	Link
Recommended Customer Price	N/A

Package Specifications	
Capacity	2000 GB
Form Factor	HHHL (CEM2.0)
Interface	PCIe NVMe 3.0 x4
Lithography Type	20nm

Advanced Technologies	
Enhanced Power Loss Data Protection	Yes
High Endurance Technology (HET)	Yes
Temperature Monitoring and Logging	Yes
End-to-End Data Protection	Yes

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PCN/MDDS Information

934679: PCN | MDDS

937378: PCN | MDDS

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Refer to Datasheet for formal definitions of product properties and features.

*Announced" SKUs are not yet available. Please refer to the Launch Date for market availability.

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