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PCN/MDDS Information

934676: PCN | MDDS 937375: PCN | MDDS

Series

Fultondale

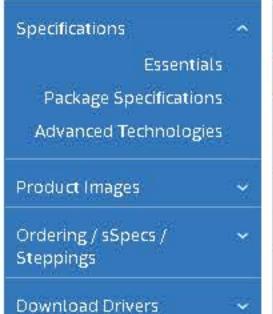
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Intel® SSD DC P3600

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Intel® SSD DC P3600 Series (800GB, 1/2 Height PCIe 3.0, 20nm, MLC)



Specifications	
- Essentials	Within The Control of
Status	Launched
Launch Date	Q2'14
Sequential Read	2600 MB/s
Sequential Write	1000 MB/s
Random Read (100% Span)	430000 IOPS
Random Write (100% Span)	50000 IOPS
Latency - Read	20 μs
Latency - Write	20 µs
Power - Active	12W (write), 9W (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	185g
Endurance Rating (Lifetime Writes)	4.38 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	800 GB
Form Factor	HHHL (CEM2.0)
Interface	PCIe NVMe 3.0 x4
Lithography Type	20nm
- Advanced Technologies	Haran Carlos
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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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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