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PCN/MDDS Information

933082: PCN | MDDS 937363: PCN | MDDS

Series

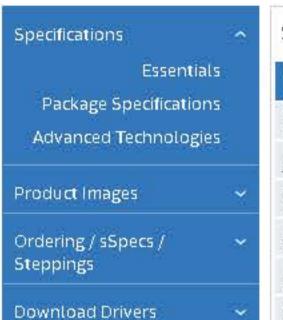
Fultondale

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Intel® SSD DC P3700



Intel® SSD DC P3700 Series (2.0TB, 2.5in PCle 3.0, 20nm, MLC)



- For opticion	
- Essentials	NAME OF THE OWNER OWNER OF THE OWNER OWNE
Status	Launched
Launch Date	Q2'14
Sequential Read	2800 MB/s
Sequential Write	1900 MB/s
Random Read (100% Span)	450000 IOPS
Random Write (100% Span)	175000 IOPS
Latency - Read	20 μs
Latency - Write	20 µs
Power - Active	25W (write), 11W (read)
Power - Idle	4W
Vibration - Operating	2.17 GRMS
Vibration - Non-Operating	3.13 GRMS
Shock (Operating and Non-Operating)	1000G/0.5msec
Operating Temperature Range	0°C to 70°C
Weight	125gm
Endurance Rating (Lifetime Writes)	62 PBW (JEDEC Workload), 17 DWPD
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	2,5" 15mm
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

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Yes

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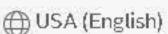
Refer to Datasheet for formal definitions of product properties and features:

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

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