



Intel® SSD DC S3710 Series (800GB, 2.5in SATA 6Gb/s, 20nm, MLC)

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Specifications

Essentials

Status	Launched
Launch Date	Q1'15
Sequential Read	550 MB/s
Sequential Write	460 MB/s
Random Read (100% Span)	85000 IOPS
Random Write (100% Span)	39000 IOPS
Latency - Read	55 µs
Latency - Write	66 µs
Power - Active	5.9W
Power - Idle	0.6W
Vibration - Operating	2.17 GRMS (5-700HZ)
Vibration - Non-Operating	3.13 GRMS (5-800Hz)
Shock (Operating and Non-Operating)	1000 G/0.5ms
Operating Temperature Range	0°C to 70°C
Weight	88 grams
Endurance Rating (Lifetime Writes)	16.9PB
Mean Time Between Failures (MTBF)	2,000,000 hrs
Uncorrectable Bit Error Rate (UBER)	10^17
Warranty Period	5 yrs
Datasheet	Link
Product Brief	Link
Recommended Customer Price	N/A

Package Specifications

Capacity	800 GB
Form Factor	2.5" 7mm
Interface	SATA 3.0 6Gb/S
Lithography Type	20 nm

Advanced Technologies

Enhanced Power Loss Data Protection	Yes
Hardware Encryption	AES 256 bit
High Endurance Technology (HET)	Yes
Temperature Monitoring and Logging	Yes
End-to-End Data Protection	Yes

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PCN/MDDS Information

937745: PCN | MDDS

937746: 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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