



Intel® SSD DC S3610 Series

(1.6TB, 2.5in SATA 6Gb/s, 20nm, MLC)

Specifications

Essentials

Package Specifications

Advanced Technologies

Compatible Products

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Specifications

- Essentials	
Status	Launched
Launch Date	Q1'15
Sequential Read	550 MB/s
Sequential Write	500 MB/s
Random Read (100% Span)	84000 IOPS
Random Write (100% Span)	27000 IOPS
Latency - Read	55 µs
Latency - Write	66 µs
Power - Active	6.8 W
Power - Idle	0.6 W
Vibration - Operating	2.17 GRMS (5-700Hz)
Vibration - Non-Operating	3.13 GRMS (5-800Hz)
Shock (Operating and Non-Operating)	1,000 G/0.5 ms
Operating Temperature Range	0°C to 70°C
Weight	94 grams +-2 grams
Mean Time Between Failures (MTBF)	2000000
Uncorrectable Bit Error Rate (UBER)	1 sector per 10^17 bits read
Warranty Period	5 yrs
Datasheet	Link
Product Brief	Link
Recommended Customer Price	N/A

- Package Specifications	
Capacity	1600 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

940789: 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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