



Intel® SSD DC S3500 Series

1.2TB, 2.5in SATA 6Gb/s, 20nm, MLC

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Product Collection	Intel® SSD DC S3500 Series
Code Name	Products formerly Wolfsville
Capacity	1.2 TB
Status	Launched
Launch Date	Q4'14
Lithography Type	20 nm
Recommended Customer Price	N/A

Performance

Sequential Read (up to)	500 MB/s
Sequential Write (up to)	450 MB/s
Random Read (100% Span)	65000 IOPS
Random Write (100% Span)	15500 IOPS
Latency - Read	55 µs
Latency - Write	65 µs
Power - Active	5.0 W
Power - Idle	700 mW

Reliability

Vibration - Operating	2.17 Grms
Vibration - Non-Operating	3.13 Grms
Shock (Operating and Non-Operating)	1,000 G/0.5 msec
Operating Temperature Range	0°C to 70°C
Endurance Rating (Lifetime Writes)	660 TBW
Mean Time Between Failures (MTBF)	2 Million Hours
Uncorrectable Bit Error Rate (UBER)	1 sector per 10 ¹⁶ bits read
Warranty Period	5 yrs

Supplemental Information

Product Brief	View now
Additional Information URL	View now

Package Specifications

Weight	94 grams +/- 2 grams
Form Factor ?	2.5" 7mm
Interface ?	SATA 3.0 6Gb/S

Advanced Technologies

Enhanced Power Loss Data Protection ?	Yes
Hardware Encryption ?	AES 256 bit
High Endurance Technology (HET) ?	No
Temperature Monitoring and Logging ?	Yes
End-to-End Data Protection ?	Yes
Intel® Smart Response Technology ?	No
Intel® Rapid Start Technology ?	No

More support options for Intel® SSD DC S3500 Series (1.2TB, 2.5in SATA 6Gb/s, 20nm, MLC)



Product Support



Downloads and Software



Support Community



Warranty and Replacement



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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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