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# Intel® SSD DC S3500 Series

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

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#### Specifications

#### Essentials

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Package Specifications

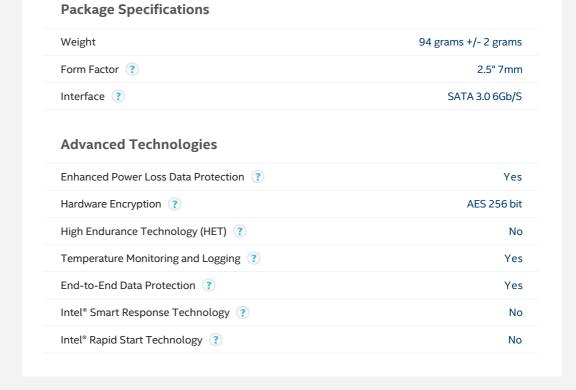
Advanced Technologies

#### Ordering and Compliance

#### **Compatible Products**

Downloads and Software

Essentials	Export specification
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



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





Downloads and Software



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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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