



Intel® SSD 535 Series

240GB, 2.5in SATA 6Gb/s, 16nm, MLC

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Essentials

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Product Collection	Intel® SSD 535 Series
Code Name	Products formerly Temple Star
Capacity	240 GB
Status	Launched
Launch Date	Q2'15
Lithography Type	16 nm
Recommended Customer Price	N/A

Performance

Sequential Read (up to)	540 MB/s
Sequential Write (up to)	490 MB/s
Random Read (8GB Span) (up to)	41000 IOPS
Random Write (8GB Span) (up to)	80000 IOPS
Latency - Read	80 µs
Latency - Write	85 µs
Power - Active	165 mW typical
Power - Idle	55 mW typical



Reliability

Vibration - Operating	2.17 GRMS (5-700Hz)
Vibration - Non-Operating	3.13 GRMS (5-800Hz)
Shock (Operating and Non-Operating)	1500 G/0.5 ms
Operating Temperature Range	0°C to 70°C
Mean Time Between Failures (MTBF)	1.2 Million Hours
Uncorrectable Bit Error Rate (UBER)	<1 sector per 10^16 bits read
Warranty Period	5 yrs








Supplemental Information

Datasheet	View now
Product Brief	View now
Additional Information URL	View now

Package Specifications

Form Factor 	2.5" 7mm
Interface 	SATA 3.0 6Gb/S

Advanced Technologies

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

More support options for Intel® SSD 535 Series (240GB, 2.5in SATA 6Gb/s, 16nm, 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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