

Intel® SSD 730 Series  
(480GB, 2.5in SATA 6Gb/s, 20nm, MLC)

Specifications

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Specifications	
Essentials	
Capacity	480 GB
Status	Launched
Launch Date	Q1'14
Datasheet	<a href="#">Link</a>
Product Brief	<a href="#">Link</a>
Additional Information URL	<a href="#">Link</a>
Lithography Type	20nm
Recommended Customer Price	N/A
Performance	
Sequential Read (up to)	550 MB/s
Sequential Write (up to)	470 MB/s
Random Read (8GB Span) (up to)	89000 IOPS
Random Write (8GB Span) (up to)	74000 IOPS
Latency - Read	50 μs
Latency - Write	60 μs
Power - Active	5.5W
Power - Idle	1.5W
Reliability	
Vibration - Operating	2.17 GRMS (5-700 Hz) Max
Vibration - Non-Operating	3.13 GRMS (5-800 Hz) Max
Shock (Operating and Non-Operating)	1,000 G (Max) at 0.5 msec
Operating Temperature Range	0°C to 70°C
Endurance Rating (Lifetime Writes)	70GB Writes/day
Mean Time Between Failures (MTBF)	2,000,000 Hours
Uncorrectable Bit Error Rate (UBER)	<1 sector per 10^17 bits read
Warranty Period	5 yrs
Package Specifications	
Weight	72 grams ± 2 grams
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	Yes
End-to-End Data Protection	No
Intel® Rapid Start Technology	Yes

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PCN/MDDS Information

933254: [PCN](#) | [MDDS](#)

933256: [PCN](#) | [MDDS](#)

936792: [PCN](#)

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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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