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# Intel® SSD 530 Series

## (240GB, 2.5in SATA 6Gb/s, 20nm, MLC)

SPECIFICATIONS

Essentials

Package Specifications

Advanced Technologies

ORDERING / SSPECS / STEPPINGS

SPECIFICATIONS

Essentials

Status	Launched
Launch Date	Q3'13
Sequential Read	540 MB/s
Sequential Write	490 MB/s
Random Read (8GB Span)	41000 IOPS
Random Write (8GB Span)	80000 IOPS
Latency - Read	80 µs
Latency - Write	85 µs
Power - Active	140
Power - Idle	55
Vibration - Operating	2.17 GRMS (5-700 Hz) Max
Vibration - Non-Operating	3.13 GRMS (5-700 Hz) Max
Shock (Operating and Non-Operating)	1500 G (Max) at 0.5 msec
Operating Temperature Range	0°C - 70°C
Weight	Up to 78 grams
Mean Time Between Failures (MTBF)	1,200,000 Hours
Uncorrectable Bit Error Rate (UBER)	<1 sector per 10^16 bits read
Warranty Period	5 yrs
Product Brief	<a href="#">Link</a>
Recommended Customer Price	OEM : \$204.00 BULK: \$204.00

Package Specifications

Components	Intel NAND Flash Memory Multi-Level Cell (MLC) Technology
Capacity	240 GB
Form Factor	2.5"
Interface	SATA - 6.0 Gb/s
Lithography	20 nm

Advanced Technologies

Hardware Encryption	256 bit
End-to-End Data Protection	Yes
Intel® Smart Response Technology	Yes
Intel® Rapid Start Technology	Yes

RELATED PRODUCTS

Intel® SSD 500 Family

Intel® SSD 530 Series

Products formerly Dale Crest

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PCN/MDDS INFORMATION

929421: [PCN](#) | [MDDS](#)

930914: [PCN](#) | [MDDS](#)

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"Announced" SKUs are not yet available. Please refer to the Launch Date for market availability.

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