



Intel® SSD 525 Series (180GB, mSATA 6Gb/s, 25nm, MLC)

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Specifications	
Essentials	
Status	End of Life
Launch Date	Q1'13
Sequential Read	550 MB/s
Sequential Write	520 MB/s
Random Read (8GB Span)	50000 IOPS
Random Write (8GB Span)	60000 IOPS
Latency - Read	80 µs
Latency - Write	85 µs
Power - Active	300 mW
Power - Idle	250 mW
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
Weight	<10 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
Additional Information URL	Link
Recommended Customer Price	N/A
Package Specifications	
Capacity	180 GB
Form Factor	mSATA
Interface	SATA 3.0 6Gb/s
Lithography Type	25 nm
Advanced Technologies	
Hardware Encryption	AES 128 bit
End-to-End Data Protection	Yes

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Intel® SSD 525 Series

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PCN/MDDS Information

923988: PCN | MDDS

924001: PCN | MDDS

925633: PCN | MDDS

925944: MDDS

928175: PCN | MDDS


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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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