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

SPECIFICATIONS

Essentials

Package Specifications

Advanced Technologies

PRODUCT IMAGES

ORDERING / SSPECS / STEPPINGS

SPECIFICATIONS

Essentials

Status	Launched
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	30°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
Recommended Customer Price	BULK: \$214.00

Package Specifications

Capacity	180 GB
Form Factor	mSATA
Interface	6 Gbps
Lithography	25 nm

Advanced Technologies

Hardware Encryption	128
End-to-End Data Protection	Yes

RELATED PRODUCTS

Intel® SSD 500 Family

Intel® SSD 525 Series

Products formerly Lincoln Crest

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