



Intel® SSD 525 Series

30GB, mSATA 6Gb/s, 25nm, MLC

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Essentials

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Product Collection	Intel® SSD 525 Series
Code Name	Products formerly Lincoln Crest
Capacity	30 GB
Status	Launched
Launch Date ?	Q1'13
Lithography Type	25 nm
Recommended Customer Price ?	N/A

Performance

Sequential Read (up to) ?	500 MB/s
Sequential Write (up to) ?	275 MB/s
Random Read (8GB Span) (up to) ?	5000 IOPS
Random Write (8GB Span) (up to) ?	10000 IOPS
Latency - Read ?	80 µs
Latency - Write ?	85 µs
Power - Active ?	300 mW
Power - Idle ?	250 mW

Reliability

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
Mean Time Between Failures (MTBF) ?	1,200,000 Hours
Uncorrectable Bit Error Rate (UBER) ?	<1 sector per 10^16 bits read
Warranty Period	3 yrs

Supplemental Information


Additional Information URL	View now
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Package Specifications

Weight	<10 grams
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Form Factor 

mSATA


Interface 

SATA 3.0 6Gb/s

Advanced Technologies

Hardware Encryption 

AES 128 bit

End-to-End Data Protection 

Yes

More support options for Intel® SSD 525 Series (30GB, mSATA 6Gb/s, 25nm, 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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