

Support Home > Product Specifications > Memory and Sto...

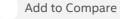
Search specifications





Intel® SSD 530 Series

80GB, PCIe Module mSATA 6Gb/s, 20nm, MLC



Specifications

Essentials

Performance

Reliability

Supplemental Information

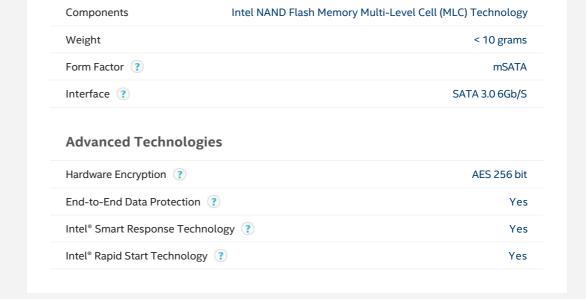
Package Specifications

Advanced Technologies

Ordering and Compliance

Downloads and Software

Essentials	Export specification
Product Collection	Intel® SSD 530 Series
Code Name	Products formerly Dale Crest
Capacity	80 GB
Status	Launched
Launch Date 😨	Q3'13
Lithography Type	20 nm
Recommended Customer Price ?	N/A
Performance	
Sequential Read (up to) ?	540 MB/s
Sequential Write (up to) 👔	480 MB/s
Random Read (8GB Span) (up to) 🔞	41000 IOPS
Random Write (8GB Span) (up to) 🔞	80000 IOPS
Latency - Read ?	80 μs
Latency - Write ?	85 μs
Power - Active ?	140 mW
Power - Idle ?	55 mW
Reliability	
Vibration - Operating ?	2.17 GRMS (5-700 Hz) Max
Vibration - Non-Operating ?	3.13 GRMS (5-700 Hz) Max
Shock (Operating and Non-Operating) ?	1000 G (Max) at 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	5 yrs
Supplemental Information	
Product Brief	View now



More support options for Intel® SSD 530 Series (80GB, PCIe Module mSATA 6Gb/s, 20nm, MLC)





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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