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Intel® SSD DC S3500 Series  
(240GB, 2.5in SATA 6Gb/s, 20nm, MLC)

SPECIFICATIONS

Essentials

Package Specifications

Advanced Technologies

COMPATIBLE PRODUCTS

ORDERING / SSPECS / STEPPINGS

SPECIFICATIONS

Essentials	
Status	Launched
Sequential Read	500 MB/s
Sequential Write	260 MB/s
Random Read (100% Span)	75000 IOPS
Random Write (100% Span)	7500 IOPS
Latency - Read	50 µs
Latency - Write	65 µs
Power - Active	3.1W
Power - Idle	0.9W
Vibration - Operating	2.17 GRMS (5-700 Hz) Max
Vibration - Non-Operating	3.13 GRMS (5-800 Hz) Max
Shock (Operating and Non-Operating)	1,000 G (Max) at 0.5 msec
Operating Temperature	0 – 70 °C
Weight	70 grams ± 2 grams
Endurance Rating (Lifetime Writes)	140 TBW
Mean Time Between Failures (MTBF)	2,000,000 hours
Uncorrectable Bit Error Rate (UBER)	1 sector per 1017 bits read
Warranty Period	5 yrs
Product Brief	Yes
Recommended Customer Price	

Package Specifications	
Capacity	240 GB
Form Factor	2.5"
Interface	SATA 6Gb
Lithography	20 nm

Advanced Technologies	
Enhanced Power Loss Data Protection	Yes
Hardware Encryption	256 AES
High Endurance Technology (HET)	No
Temperature Monitoring and Logging	Yes
End-to-End Data Protection	Yes

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RELATED PRODUCTS

Intel® SSD DC 3000 Family

Intel® SSD DC S3500 Series

Products formerly Wolfsville

QUICK LINKS

No Datasheet Available

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PCN/MDDS Information

927200: PCN | MDDS

927208: 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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