



Intel® SSD DC S3500 Series
(160GB, 2.5in SATA 6Gb/s, 20nm, MLC)

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Essentials

Status	Launched
Sequential Read	475 MB/s
Sequential Write	175 MB/s
Random Read (100% Span)	75000 IOPS
Random Write (100% Span)	7500 IOPS
Latency - Read	50 µs
Latency - Write	65 µs
Power - Active	2.5W
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 Range	0°C - 70°C
Weight	70 grams ± 2 grams
Endurance Rating (Lifetime Writes)	100 TBW
Mean Time Between Failures (MTBF)	2,000,000 hours
Uncorrectable Bit Error Rate (UBER)	1 sector per 10 ¹⁷ bits read
Warranty Period	5 yrs
Product Brief	Yes
Recommended Customer Price	OEM : \$179.00 BULK: \$179.00

Package Specifications

Capacity	160 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

Intel® SSD DC 3000 Family
Intel® SSD DC S3500 Series
Products formerly Wolfsville

No Datasheet Available

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PCN/MDDS INFORMATION

927199: PCN | MDDS
927207: PCN | MDDS

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