

Search Products

Type Here to Search Products

Twitter

Facebook

LinkedIn

Home

Intel® SSD DC S3000 Family

Intel® SSD DC S3500 Series

Intel® SSD DC S3500 Series (480GB, 2.5in SATA 6Gb/s, 20nm, MLC)

Intel® SSD DC S3500 Series
(480GB, 2.5in SATA 6Gb/s, 20nm, MLC)

Add to Compare

SPECIFICATIONS

Essentials

Package Specifications

Advanced Technologies

COMPATIBLE PRODUCTS

ORDERING / SSPECS / STEPPINGS

SPECIFICATIONS

Essentials

Status	Launched
Sequential Read	500 MB/s
Sequential Write	410 MB/s
Random Read (100% Span)	75000 IOPS
Random Write (100% Span)	11000 IOPS
Latency - Read	50 µs
Latency - Write	65 µs
Power - Active	4.3W
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 oC
Weight	72 grams ± 2 grams
Endurance Rating (Lifetime Writes)	275 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	480 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

QUICK LINKS

Products formerly Wolfsville

No Datasheet Available

Search Distributors

Support Overview

Search all of intel.com

PCN/MDDS Information

927202: PCN | MDDS

927210: PCN | MDDS

All information provided is subject to change at any time, without notice. Intel may make changes to manufacturing life cycle, specifications, and product descriptions at any time, without notice. The information herein is provided "as-is" and Intel does not make any representations or warranties whatsoever regarding accuracy of the information, nor on the product features, availability, functionality, or compatibility of the products listed. Please contact system vendor for more information on specific products or systems.

"Intel classifications" consist of Export Control Classification Numbers (ECCN) and Harmonized Tariff Schedule (HTS) numbers. Any use made of Intel classifications are without recourse to Intel and shall not be construed as a representation or warranty regarding the proper ECCN or HTS. Your company may be the exporter of record, and as such, your company is responsible for determining the

Downloaded from Arrow.com

1 / 2

correct classification of any item at the time of export.

The Recommended Customer Price ("RCP") is pricing guidance for Intel products. Prices are for direct Intel customers and are subject to change without notice. Taxes and shipping, etc. not included. Prices may vary for other package types and shipment quantities, and special promotional arrangements may apply. Listing of these RCP does not constitute a formal pricing offer from Intel. Please work with your appropriate Intel representative to obtain a formal price quotation.

[Send us your feedback!](#)

