



Intel® SSD DC P3500 Series  
(2.0TB, 2.5in PCIe 3.0, 20nm, MLC)

Specifications

Essentials

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Specifications

Essentials	
Status	Launched
Launch Date	Q1'15
Sequential Read	2700 MB/s
Sequential Write	1800 MB/s
Random Read (100% Span)	430000 IOPS
Random Write (100% Span)	28000 IOPS
Latency - Read	20 µs
Latency - Write	20 µs
Power - Active	25
Power - Idle	4W
Vibration - Operating	2.17 GRMS
Vibration - Non-Operating	3.13 GRMS
Shock (Operating and Non-Operating)	1000 G/0.5msec
Operating Temperature Range	0°C to 35°C
Weight	up to 125gm
Endurance Rating (Lifetime Writes)	1095 TBW
Mean Time Between Failures (MTBF)	2,000,000 Hrs
Uncorrectable Bit Error Rate (UBER)	less than 1 sector per 1e17 bits read
Warranty Period	5 yrs
Datasheet	<a href="#">Link</a>
Product Brief	<a href="#">Link</a>
Additional Information URL	<a href="#">Link</a>
Recommended Customer Price	N/A

Package Specifications	
Capacity	2000 GB
Form Factor	2.5" 15mm
Interface	PCIe NVMe 3.0 x4
Lithography Type	20nm

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

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PCN/MDDS Information

933086: PCN | MDDS

939933: PCN | MDDS

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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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