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Intel® SSD Pro 2500 Series
(360GB, 2.5in SATA 6Gb/s, 20nm, MLC)

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Specifications

⊖ Essentials

Status	Launched
Launch Date	Q3'14
Sequential Read	540 MB/s
Sequential Write	490 MB/s
Random Read (8GB Span)	45000 IOPS
Random Write (8GB Span)	33000 IOPS
Latency - Read	80 µs
Latency - Write	85 µs
Power – Active	165 mW
Power – Idle	55 mW
Vibration - Operating	2.17 Grms (5-700Hz)
Vibration - Non-Operating	3.13 Grms (5-800Hz)
Shock (Operating and Non-Operating)	1500 G/0.5ms
Operating Temperature Range	0°C to 70°C
Weight	up to 78 grams
Mean Time Between Failures (MTBF)	1.2 million hours
Uncorrectable Bit Error Rate (UBER)	<1 sector per 10^16 bits read
Warranty Period	5 yrs
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PCN/MDDS Information

933948: PCN
933963: PCN

⊖ Package Specifications

Capacity	360 GB
Form Factor	2.5" 7mm
Interface	SATA 3.0 6Gb/S
Lithography Type	20

⊖ Advanced Technologies

Enhanced Power Loss Data Protection	No
Hardware Encryption	AES 256 bit
High Endurance Technology (HET)	No
Temperature Monitoring and Logging	No
End-to-End Data Protection	Yes
Intel® Smart Response Technology	Yes
Intel® Rapid Start Technology	Yes

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