

Intel 535 2.5" 480 GB Serial ATA III MLC

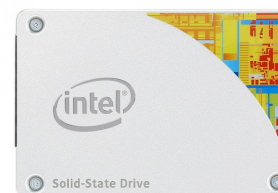
Brand : Intel

Product code: SSDSC2BW480H6R5

Product name : 535

SSD 535 Series (480GB, 2.5in SATA 6Gb/s, 16nm, MLC)

Intel 535. SSD capacity: 480 GB, SSD form factor: 2.5", Read speed: 540 MB/s, Write speed: 490 MB/s, Data transfer rate: 6 Gbit/s



Features		Features	
Security algorithms	256-bit AES	SSD ARK ID	86729
SSD form factor *	2.5"	Power	
SSD capacity *	480 GB	Power consumption (idle)	0.55 W
Interface *	Serial ATA III	Brand-specific features	
Memory type *	MLC	Intel High Endurance Technology (HET)	✗
Hardware encryption *	✓	Intel® Rapid Start Technology	✓
Data transfer rate	6 Gbit/s	Intel® Smart Response Technology	✓
Read speed	540 MB/s	Operational conditions	
Write speed	490 MB/s	Operating temperature (T-T)	0 - 70 °C
Random read (4KB)	48000 IOPS	Operating vibration	2.17 G
Random write (4KB)	37000 IOPS	Non-operating vibration	3.13 G
Read latency	80 µs	Operating shock	1500 G
Write latency	85 µs	Non-operating shock	1500 G
Lithography	16 nm	Weight & dimensions	
End-to-End Data Protection	✓	Weight	72 g
Enhanced Power Loss Data Protection technology	✗	Other features	
SSD temperature monitoring	✗	Processor lithography	16 nm
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁶ bits read	Status	Launched
Mean time between failures (MTBF)	1200000 h	Product family	Consumer SSD
SSD usage tag	Consumer	Product series	Intel 535
		Product codename	Temple Star

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