

Intel 535 2.5" 180 GB Serial ATA III MLC

Brand : Intel

Product code: SSDSC2BW180H6R5

Product name : 535

SSD 535 Series (180GB, 2.5in SATA 6Gb/s, 16nm, MLC)

Intel 535. SSD capacity: 180 GB, SSD form factor: 2.5", Read speed: 540 MB/s, Write speed: 490 MB/s, Data transfer rate: 6 Gbit/s



Features		Power	
Security algorithms	256-bit AES	Power consumption (read)	0.165 W
SSD form factor *	2.5"	Power consumption (write)	0.165 W
SSD capacity *	180 GB	Power consumption (idle)	0.055 W
Interface *	Serial ATA III	Brand-specific features	
Memory type *	MLC	Intel High Endurance Technology (HET)	✗
Data transfer rate	6 Gbit/s	Operational conditions	
Read speed	540 MB/s	Operating temperature (T-T)	0 - 70 °C
Write speed	490 MB/s	Operating vibration	2.17 G
Random read (4KB)	41000 IOPS	Non-operating vibration	3.13 G
Random write (4KB)	80000 IOPS	Technical details	
Read latency	80 µs	Sustainability certificates	RoHS
Write latency	85 µs	Weight & dimensions	
Lithography	16 nm	Height	7 mm
Enhanced Power Loss Data Protection technology	✗	Weight	78 g
SSD temperature monitoring	✗	Other features	
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁶ bits read	Product colour	Silver
Mean time between failures (MTBF)	1200000 h	Internal	✓
Windows operating systems supported	✓	Processor lithography	16 nm
SSD usage tag	Consumer	Status	Launched
SSD ARK ID	86731	Product family	Consumer SSD
		Product series	Intel 535
		Product codename	Temple Star

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