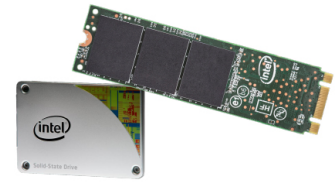


Intel SSDSCKJW180H601 internal solid state drive M.2 180 GB Serial ATA III MLC

Brand : Intel

Product code: SSDSCKJW180H601

Product name : SSDSCKJW180H601



SSD 535 Series (180GB, M.2 80mm SATA 6Gb/s, 16nm, MLC)

Intel SSDSCKJW180H601. SSD capacity: 180 GB, SSD form factor: M.2, Read speed: 540 MB/s, Write speed: 490 MB/s, Data transfer rate: 6 Gbit/s



Features		Brand-specific features	
Security algorithms	256-bit AES	Intel® Smart Response Technology	✓
SSD form factor *	M.2	Intel Smart Response Technology version	1.00
SSD capacity *	180 GB	Operational conditions	
Interface *	Serial ATA III	Operating temperature (T-T)	0 - 70 °C
Memory type *	MLC	Maximum operating temperature	70 °C
Hardware encryption *	✓	Operating vibration	2.17 G
Data transfer rate	6 Gbit/s	Non-operating vibration	3.13 G
Read speed	540 MB/s	Operating shock	1000 G
Write speed	490 MB/s	Non-operating shock	1000 G
Random read (4KB)	41000 IOPS	Operating / non-operating shock	1000 G/0.5 ms
Random write (4KB)	80000 IOPS	Technical details	
Read latency	80 µs	Sustainability certificates	RoHS
Write latency	85 µs	Logistics data	
Lithography	16 nm	Harmonized System (HS) code	8471706000
S.M.A.R.T. support	✓	Other features	
End-to-End Data Protection	✓	Internal	✓
Enhanced Power Loss Data Protection technology	✗	Processor lithography	16 nm
SSD temperature monitoring	✗	Power consumption (active)	140 W
Temperature monitoring and logging	✗	Drive capacity	180 GB
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁶ bits read	Launch date	Q2'15
Mean time between failures (MTBF)	1200000 h	Product brief URL	http://www.intel.com/content/www/us/en/solid-state-drives/ssd-535-brief.html
Market segment	Mobile	Random write (8GB span)	80000 IOPS
SSD usage tag	Consumer	SSD hardware encryption	AES 256 bit
SSD ARK ID	86725	SSD power consumption (active)	140 mW typical
Export Control Classification Number (ECCN)	5A992C	SSD power consumption (idle)	55 mW typical
Commodity Classification Automated Tracking System (CCATS)	G400878-1	SSD shock	1000 G/0.5 ms
Power		Sequential reading	540 MB/s
Power consumption (idle)	0.055 W	Sequential writing speed	490 MB/s
Brand-specific features		Status	Discontinued
Intel High Endurance Technology (HET)	✗	Random read (8GB span)	41000 IOPS
Intel® Rapid Start Technology	✓	Last change	63903513
		Intel Rapid Start Technology version	1.00
		Product family	Consumer SSD
		Product series	Intel 535
		Product codename	Temple Star



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