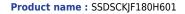
Intel SSDSCKJF180H601 internal solid state drive M.2 180 GB Serial ATA III MLC

Brand : Intel

Product code: SSDSCKJF180H601

Operational conditions



SSD Pro 2500 Series (180GB, M.2 80mm SATA 6Gb/s, 16nm, MLC)

Intel SSDSCKJF180H601 internal solid state drive M.2 180 GB Serial ATA III MLC:

In today's demanding business environment, there is a growing need for reliable, high-speed storage partnered with manageable, robust security. The Intel® SSD Pro 2500 Series is designed to meet business needs by enabling blazing fast performance and simultaneously upgrading a system's security and manageability profile. The Intel SSD Pro 2500 Series is available in capacities ranging from 120 GB to 480 GB in thin 2.5-inch and ultra-sleek M.2 form factors.

Intel SSDSCKJF180H601. 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		Operational condit	ions	
Security algorithms SSD form factor * SSD capacity * Interface * Memory type * Hardware encryption * Data transfer rate	256-bit AES M.2 180 GB Serial ATA III MLC ✔ 6 Gbit/s	Operating temperature (T-T) Maximum operating temperature Operating vibration Non-operating vibration Operating shock Non-operating shock Operating / non-operating shock		0 - 70 °C 70 °C 2.17 G 3.13 G 1000 G 1000 G 1000 G/0.5 ms
Read speed	40 MB/s Technical details			
Write speed	490 MB/s	Sustainability certificates		RoHS
Random read (4KB)	41000 IOPS	Weight & dimensions		
Random write (4KB)	80000 IOPS	•		10 -
Read latency	80 μs	Weight		10 g
Write latency Lithography	85 μs 20 nm	Logistics data		
S.M.A.R.T. support		Harmonized System (HS) code		8471706000
End-to-End Data Protection		Other features	,	
Enhanced Power Loss Data Protection technology	×	Processor lithography Born on date Drive capacity	Q2'15 180 GB	
SSD temperature monitoring	×	Launch date Product brief URL	Q2'15 http://www.intel.com/con	itent/www/us/en/solid-state-drives/ssd-pro-2500-series-brief.html
Temperature monitoring and logging	×	Product bile one Product name Random write (8GB span) SSD hardware encryption		s (180GB, M.2 80mm SATA 6Gb/s, 16nm, MLC)
Uncorrectable Bit Error Rate (UBER)	< 1 per 10^16 bits read	SSD power consumption (active) SSD power consumption (idle)	140mW 55mW	
Mean time between failures (MTBF)	1200000 h	SSD shock	1000 G/0.5 ms	
Market segment	Mobile	SSD weight Sequential reading	up to 10 grams 540 MB/s	
SSD usage tag	Professional	Sequential writing speed Status	490 MB/s Launched	
SSD ARK ID	86724	Random read (8GB span) Last change	41000 IOPS 63903513	
Power		Intel Rapid Start Technology version Remote Secure Erase (RSE)	1.00	
Operating voltage	3.3 V	technology version Product family	1.00 Professional SSD	
Power consumption (idle)	0.055 W	Product series Product codename	Intel Pro 2500 Temple Star	
Brand-specific features		Product codename	Temple Star	
Intel High Endurance Technology (HET)	×			
Intel [®] Rapid Start Technology	1			
Intel® Remote Secure Erase	✓			
Intel® Smart Response Technology	1			
Intel Smart Response Technology version	1.00			





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