

## Intel 530 2.5" 180 GB Serial ATA III MLC

**Brand :** Intel

**Product code:** SSDSC2BW180A4K5

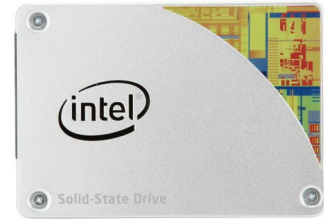
**Product name :** 530

SSD 530 Series (180GB, 2.5in SATA 6Gb/s, 20nm, MLC)

[Intel 530 2.5" 180 GB Serial ATA III MLC:](#)

With the Intel® Solid-State Drive 530 Series, your computer will blaze through the most demanding consumer client applications and will easily handle your multitasking needs. With no moving parts, the Intel SSD 530 Series reduces your risk of data loss caused by shock or vibration during operation. The Intel SSD 530 Series is specially targeted toward consumer Ultrabook™ and notebooks, All-in-One (AIO) desktops, Intel® NUC, and embedded designs. In addition to the strong performance gains, the Intel SSD 530 Series introduces new low-power modes with cell-phone-like standby battery life.

Intel 530. 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		Features	
Security algorithms	256-bit AES	SSD ARK ID	75328
SSD form factor *	2.5"	<b>Power</b>	
SSD capacity *	180 GB	Operating voltage	5 V
Interface *	Serial ATA III	Power consumption (read)	0.195 W
Memory type *	MLC	Power consumption (write)	0.195 W
Data transfer rate	6 Gbit/s	Power consumption (sleep)	0.005 W
Read speed	540 MB/s	Power consumption (idle)	0.125 W
Write speed	490 MB/s	<b>Operational conditions</b>	
Random read (4KB)	41000 IOPS	Operating temperature (T-T)	0 - 70 °C
Random write (4KB)	80000 IOPS	Storage temperature (T-T)	-55 - 95 °C
Lithography	20 nm	Operating vibration	2.17 G
S.M.A.R.T. support	✓	Non-operating vibration	3.13 G
TRIM support	✓	<b>Technical details</b>	
RAID support	✓	Sustainability certificates	RoHS
Mean time between failures (MTBF)	1200000 h	<b>Weight &amp; dimensions</b>	
Windows operating systems supported	✓	Height	7 mm
SSD usage tag	Consumer	Weight	78 g
		<b>Other features</b>	
		Product colour	Silver
		Internal	✓

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