

## Intel 520 2.5" 180 GB Serial ATA MLC

**Brand :** Intel

**Product code:** SSDSC2BW180A3

**Product name :** 520

SSD 520 Series (180GB, 2.5in SATA 6Gb/s, 25nm, MLC)

Intel 520. SSD capacity: 180 GB, SSD form factor: 2.5", Read speed: 550 MB/s, Write speed: 520 MB/s, Data transfer rate: 6 Gbit/s



### Features

Security algorithms	128-bit AES
SSD form factor *	2.5"
SSD capacity *	180 GB
Interface *	Serial ATA
Memory type *	MLC
Hardware encryption *	✓
Data transfer rate	6 Gbit/s
Read speed	550 MB/s
Write speed	520 MB/s
Random read (4KB)	50000 IOPS
Random write (4KB)	60000 IOPS
Read latency	80 µs
Write latency	85 µs
Lithography	25 nm
S.M.A.R.T. support	✓
Enhanced Power Loss Data Protection technology	✗
Mean time between failures (MTBF)	1200000 h
Windows operating systems supported	✓

### Features

Mac operating systems supported	✓
Linux operating systems supported	✓
SSD ARK ID	66249

### Power

Power consumption (read)	0.85 W
Power consumption (standby)	0.6 W

### Operational conditions

Operating temperature (T-T)	0 - 70 °C
Operating vibration	2.17 G
Non-operating vibration	3.13 G
Operating shock	1500 G
Non-operating shock	1500 G

### Technical details

Sustainability certificates	RoHS
-----------------------------	------

### Weight & dimensions

Depth	7 mm
Weight	78 g

### Other features

Product colour	Silver
Internal	✓

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 03-JAN-2024. Prints or copies of Information are only valid on the printed Publication date