

## Intel 520 2.5" 240 GB Serial ATA MLC

**Brand :** Intel

**Product code:** SSDSC2BW240A3

**Product name :** 520

SSD 520 Series (240GB, 2.5in SATA 6Gb/s, 25nm, MLC)

Intel 520. SSD capacity: 240 GB, SSD form factor: 2.5", Read speed: 550 MB/s, Write speed: 520 MB/s, Data transfer rate: 6 Gbit/s



Features		Features	
Security algorithms	128-bit AES	Mac operating systems supported	✓
SSD form factor *	2.5"	Linux operating systems supported	✓
SSD capacity *	240 GB	<b>Power</b>	
Interface *	Serial ATA	Power consumption (read)	0.85 W
Memory type *	MLC	Power consumption (standby)	0.6 W
Hardware encryption *	✓	<b>Operational conditions</b>	
Data transfer rate	6 Gbit/s	Operating temperature (T-T)	0 - 70 °C
Read speed	550 MB/s	Operating vibration	2.17 G
Write speed	520 MB/s	Non-operating vibration	3.13 G
Random read (4KB)	50000 IOPS	Operating shock	1500 G
Random write (4KB)	60000 IOPS	Non-operating shock	1500 G
Read latency	80 µs	<b>Technical details</b>	
Write latency	85 µs	Sustainability certificates	RoHS
Lithography	25 nm	<b>Weight &amp; dimensions</b>	
S.M.A.R.T. support	✓	Depth	7 mm
Enhanced Power Loss Data Protection technology	✗	Weight	78 g
Mean time between failures (MTBF)	1200000 h	<b>Other features</b>	
Windows operating systems supported	✓	Product colour	Silver
		Internal	✓

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