

## Intel 530 120 GB Serial ATA III MLC

**Brand :** Intel

**Product code:** SSDSCKHW120A4

**Product name :** 530

SSD 530 Series (120GB, M.2 80mm SATA 6Gb/s, 25nm, MLC)

Intel 530 120 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: 120 GB, Read speed: 540 MB/s, Write speed: 490 MB/s, Data transfer rate: 6 Gbit/s



### Features

Security algorithms	256-bit AES
SSD capacity *	120 GB
Interface *	Serial ATA III
Memory type *	MLC
Data transfer rate	6 Gbit/s
Read speed	540 MB/s
Write speed	490 MB/s
Random read (4KB)	41000 IOPS
Random write (4KB)	80000 IOPS
Lithography	20 nm
S.M.A.R.T. support	✓
Mean time between failures (MTBF)	1200000 h
Windows operating systems supported	✓
SSD usage tag	Consumer

### Power

Operating voltage	3.3 V
Power consumption (read)	0.14 W
Power consumption (write)	0.14 W
Power consumption (idle)	0.055 W

### Operational conditions

Operating temperature (T-T)	0 - 70 °C
Storage temperature (T-T)	-55 - 95 °C
Operating vibration	2.17 G
Non-operating vibration	3.13 G

### Technical details

Sustainability certificates	RoHS
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### Weight & dimensions

Height	3.7 mm
Weight	10 g

### Other features

Internal	✓
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