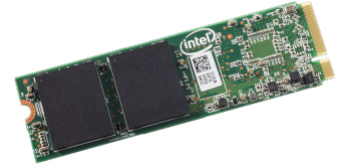


Intel 530 M.2 120 GB Serial ATA III MLC

Brand : Intel

Product code: SSDSCIHW120A4

Product name : 530



SSD 530 Series (120GB, PCIe Module mSATA 6Gb/s, 20nm, MLC)

[Intel 530 M.2 120 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, SSD form factor: M.2, Read speed: 540 MB/s, Write speed: 480 MB/s

Features

SSD form factor *	M.2
SSD capacity *	120 GB
Interface *	Serial ATA III
Memory type *	MLC
Hardware encryption *	✓
Read speed	540 MB/s
Write speed	480 MB/s
Random read (100% span)	24000 IOPS
Random write (100% span)	80000 IOPS
Read latency	80 µs
Write latency	85 µs
Lithography	20 nm
End-to-End Data Protection	✓
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁶ bits read

Features

Mean time between failures (MTBF)	1200000 h
SSD usage tag	Consumer

Brand-specific features

Intel® Rapid Start Technology	✓
Intel® Smart Response Technology	✓

Operational conditions

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

Weight & dimensions

Weight	10 g
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Other features

Internal	✓
SSD components	Intel NAND Flash Memory Multi-Level Cell (MLC) Technology

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