Samsung 970 EVO Plus M.2 500 GB PCI Express 3.0 V-NAND MLC NVMe

Brand : Samsung

Product name : 970 EVO Plus

- Always Evolving SSD

- Level up Performance

- Design Flexibility

500GB, M.2, PCIe Gen 3.0 x 4, NVMe 1.3

Samsung 970 EVO Plus. SSD capacity: 500 GB, SSD form factor: M.2, Read speed: 3500 MB/s, Write speed: 3300 MB/s, Component for: PC



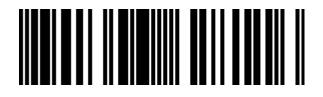


Features		Features	
NVMe version Security algorithms SSD form factor *	rithms 256-bit AES tor * M.2 * 500 GB PCI Express 3.0 * V-NAND MLC ✓	Mean time between failures (MTBF) Harmonized System (HS) code	1500000 h 84717070
		Power	
SSD capacity * Interface * Memory type * NVMe * Component for *		Operating voltage Power consumption (max) Power consumption (average) Power consumption (idle)	3.3 V 9 W 5.8 W 0.003 W
Hardware encryption *	√	Operational conditions	
Read speed 3500 MB/s	3500 MB/s	Operating temperature (T-T)	0 - 70 °C
Write speed	3300 MB/s	Weight & dimensions	
Random read (4KB) Random write (4KB) Controller type PCI Express interface data lanes DevSlp (device sleep) support	480000 IOPS 550000 IOPS Samsung Phoenix x4	Width Depth Height Weight	80.2 mm 2.38 mm 22.1 mm 8 g
S.M.A.R.T. support	1	Packaging data	
		Bundled software Package type	Magician Software for SSD management Box
		Other features	

Product code: MZ-V7S500BW

Launch date

1/22/2019





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