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

Brand : Samsung **Product code:** MZ-V7S500BW

Product name: 970 EVO Plus

- Always Evolving SSD
- Level up Performance
- Design Flexibility

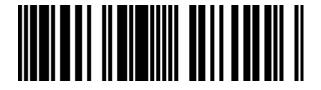
MZ-V7S500BW

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 capacity * SSD form factor * Interface * NVMe * Memory type * Component for * Hardware encryption * Read speed Write speed Random read (4KB) Random write (4KB) Controller type PCI Express interface data lanes DevSIp (device sleep) support TRIM support 1.3 256-bit AES 500 GB N.2 H.2 H.2 PCI Express 3.0 V-NAND MLC PC V-NAND MLC PC 4480000 IOPS Samsung Phoenix x4 V-NAND MLC South PC South PC South PC Samsung Phoenix X4 DevSIp (device sleep) support V TRIM support V	256-bit AES	Mean time between failures (MTBF)	1500000 h
		Power	
	M.2 PCI Express 3.0 ✓	Operating voltage Power consumption (max) Power consumption (average) Power consumption (idle)	3.3 V 9 W 5.8 W 0.003 W
		Weight & dimensions	
	3500 MB/s 3300 MB/s 480000 IOPS 550000 IOPS Samsung Phoenix x4	Width Depth Height Weight Packaging data Bundled software Package type	80.2 mm 2.38 mm 22.1 mm 8 g Magician Software for SSD management Box
		Operational conditions	
		Operating temperature (T-T)	0 - 70 °C
		Other features	
		Launch date	1/22/2019
		Logistics data	
		Harmonized System (HS) code	84717070





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