

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

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: 3200 MB/s, Component for: PC



Features		Features	
NVMe version	1.3	Mean time between failures (MTBF)	1500000 h
Security algorithms	256-bit AES	Power	
SSD capacity *	500 GB	Operating voltage	3.3 V
SSD form factor *	M.2	Power consumption (max)	9 W
Interface *	PCI Express 3.0	Power consumption (average)	5.8 W
NVMe *	✓	Power consumption (idle)	0.03 W
Memory type *	V-NAND MLC	Weight & dimensions	
Component for *	PC	Width	80.2 mm
Hardware encryption *	✓	Depth	2.38 mm
M.2 SSD size	2280 (22 x 80 mm)	Height	22.1 mm
Read speed	3500 MB/s	Weight	8 g
Write speed	3200 MB/s	Packaging data	
Random read (4KB)	480000 IOPS	Bundled software	Magician Software for SSD management
Random write (4KB)	550000 IOPS	Package type	Box
Controller type	Samsung Phoenix	Operational conditions	
PCI Express interface data lanes	x4	Operating temperature (T-T)	0 - 70 °C
DevSlp (device sleep) support	✓	Operating shock	1500 G
S.M.A.R.T. support	✓	Other features	
TRIM support	✓	Launch date	1/22/2019
		Logistics data	
		Harmonized System (HS) code	84717070



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Catalog Object Cloud



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