

Samsung 970 EVO Plus 250 GB M.2 PCI Express 3.0 NVMe V-NAND MLC

Brand : Samsung  
Product name : 970 EVO Plus  
Product code: MZ-V7S250BW

- Always Evolving SSD
- Level up Performance
- Design Flexibility

MZ-V7S250BW  
Samsung 970 EVO Plus. SSD capacity: 250 GB, SSD form factor: M.2, Read speed: 3500 MB/s, Write speed: 2300 MB/s, Component for: PC



Features	
NVMe version	1.3
Security algorithms	256-bit AES
SSD capacity *	250 GB
SSD form factor *	M.2
Interface *	PCI Express 3.0
NVMe *	✓
Memory type *	V-NAND MLC
Component for *	PC
Hardware encryption *	✓
M.2 SSD size	2280 (22 x 80 mm)
Read speed	3500 MB/s
Write speed	2300 MB/s
Random read (4KB)	250000 IOPS
Random write (4KB)	550000 IOPS
Controller type	Samsung Phoenix
PCI Express interface data lanes	x4
DevSlp (device sleep) support	✓
S.M.A.R.T. support	✓
TRIM support	✓

Features	
Mean time between failures (MTBF)	1500000 h
Power	
Operating voltage	3.3 V
Power consumption (max)	8 W
Power consumption (average)	5 W
Power consumption (idle)	0.003 W
Weight & dimensions	
Width	80.2 mm
Depth	2.38 mm
Height	22.1 mm
Weight	8 g
Packaging data	
Bundled software	Magician Software for SSD management
Package type	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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### Catalog Object Cloud



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