



Samsung 980 PRO M.2 500 GB PCI Express 4.0 NVMe V-NAND MLC

Brand : Samsung

Product code: MZ-V8P500BW

Product name : 980 PRO



- Next-level SSD performance
- Maximum speed
- A winning combination

MZ-V8P500BW

Samsung 980 PRO. SSD capacity: 500 GB, SSD form factor: M.2, Read speed: 6900 MB/s, Write speed: 5000 MB/s, Component for: PC



Features		Features	
NVMe version	1.3c	Mean time between failures (MTBF)	1500000 h
Security algorithms	256-bit AES	Power	
SSD form factor *	M.2	Operating voltage	3.3 V
SSD capacity *	500 GB	Power consumption (max)	7.4 W
Interface *	PCI Express 4.0	Power consumption (average)	5.9 W
NVMe *	✓	Operational conditions	
Memory type *	V-NAND MLC	Operating temperature (T-T)	0 - 70 °C
Component for *	PC	Operating shock	1500 G
Hardware encryption *	✓	Weight & dimensions	
Read speed	6900 MB/s	Width	80.2 mm
Write speed	5000 MB/s	Depth	2.38 mm
Random read (4KB)	800000 IOPS	Height	22.1 mm
Random write (4KB)	1000000 IOPS	Weight	9 g
S.M.A.R.T. support	✓	Logistics data	
TRIM support	✓	Harmonized System (HS) code	84717070



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