

Samsung 970 EVO Plus 2 TB M.2 PCI Express 3.0 NVMe V-NAND

Brand : Samsung

Product code: MZ-V7S2T0B/AM

Product name : 970 EVO Plus



- Management software
- Firmware update
- Performance benchmark
- Data security

SSD 970 EVO Plus, NVMe, M.2, 2 TB, V-NAND technology

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

Features		Features	
NVMe version	1.3	Mean time between failures (MTBF)	1500000 h
Security algorithms	256-bit AES	Protection features	Temperature proof
SSD capacity *	2 TB	Power	
SSD form factor *	M.2	Power consumption (max)	9 W
Interface *	PCI Express 3.0	Power consumption (average)	6 W
NVMe *	✓	Power consumption (idle)	0.003 W
Memory type *	V-NAND	Weight & dimensions	
Component for *	PC	Width	80.2 mm
Hardware encryption *	✓	Depth	22.1 mm
M.2 SSD size	2280 (22 x 80 mm)	Height	2.38 mm
Read speed	3500 MB/s	Weight	8 kg
Write speed	3300 MB/s	Packaging data	
Random read (4KB)	620000 IOPS	Package type	Box
Random write (4KB)	560000 IOPS	Operational conditions	
Controller type	Samsung Phoenix	Operating temperature (T-T)	0 - 70 °C
S.M.A.R.T. support	✓	Operating shock	1500 G
TRIM support	✓		



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