

Samsung MZ-V9S4T0 4 TB M.2 PCI Express 4.0 NVMe V-NAND TLC

Brand : Samsung

Product code: MZ-V9S4T0BW

Product name : MZ-V9S4T0



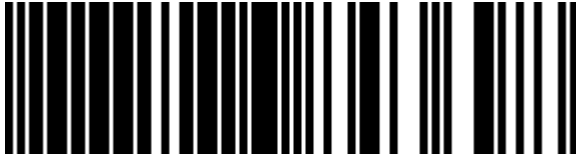
- Supported by the latest PCIe® 4.0 x4 and PCIe® 5.0 x2 interfaces, offering flexibility for current and future computing.
- Sequential read speeds of up to 7,250MB/s to meet the demands of business and creative work.
- Available in different capacities up to 4TB.
- Power efficient design puts less burden on your PC's battery life.
- Smart thermal solution provides consistent and reliable performance.
- Five year limited warranty.

MZ-V9S4T0BW

Samsung MZ-V9S4T0. SSD capacity: 4 TB, SSD form factor: M.2, Read speed: 7250 MB/s, Write speed: 6300 MB/s, Component for: PC



Features		Power	
NVMe version	2.0	Operating voltage	3.3 V
Security algorithms	256-bit AES	Power consumption (read)	5.5 W
SSD capacity *	4 TB	Power consumption (write)	4.8 W
SSD form factor *	M.2	Power consumption (idle)	0.06 W
Interface *	PCI Express 4.0	Power consumption DevSlp (device sleep)	5 mW
NVMe *	✓	Weight & dimensions	
Memory type *	V-NAND TLC	Width	80.2 mm
Component for *	PC	Depth	2.38 mm
Hardware encryption *	✓	Height	80.2 mm
M.2 SSD size	2280 (22 x 80 mm)	Weight	9 g
Read speed	7250 MB/s	Packaging data	
Write speed	6300 MB/s	Package width	148 mm
Random read (4KB)	1050000 IOPS	Package depth	100 mm
Random write (4KB)	1400000 IOPS	Package height	22 mm
DevSlp (device sleep) support	✓	Package weight	70 g
S.M.A.R.T. support	✓	Operational conditions	
TRIM support	✓	Operating temperature (T-T)	0 - 70 °C
Mean time between failures (MTBF)	1500000 h	Operating shock	1500 G



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