

Samsung MZ-V9P2T0 2 TB M.2 PCI Express 4.0 NVMe V-NAND MLC

Brand : Samsung

Product code: MZ-V9P2T0GW

Product name : MZ-V9P2T0



- Samsung NVMe SSD powered by newly designed in-house controller

- Up to 7,450 / 6900 MB/s sequential read/write speed

- Power efficient SSD, reliable thermal control, with heatsink

990 PRO with Heatsink PCIe 4.0 NVMe M.2

Samsung MZ-V9P2T0. SSD capacity: 2 TB, SSD form factor: M.2, Read speed: 7450 MB/s, Write speed: 6900 MB/s, Component for: PC



Features		Features	
NVMe version	2.0	S.M.A.R.T. support	✓
Security algorithms	256-bit AES	TRIM support	✓
SSD capacity *	2 TB	Mean time between failures (MTBF)	1500000 h
SSD form factor *	M.2	Power	
Interface *	PCI Express 4.0	Operating voltage	3.3 V
NVMe *	✓	Power consumption (max)	7.8 W
Memory type *	V-NAND MLC	Power consumption (average)	5.4 W
Component for *	PC	Weight & dimensions	
Hardware encryption *	✓	Width	80 mm
M.2 SSD size	2280 (22 x 80 mm)	Depth	8.2 mm
Read speed	7450 MB/s	Height	24.3 mm
Write speed	6900 MB/s	Weight	28 g
Random read (4KB)	1400000 IOPS	Operational conditions	
Random write (4KB)	1550000 IOPS	Operating temperature (T-T)	0 - 70 °C
DevSlp (device sleep) support	✓	Operating shock	1500 G



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