

Samsung MZ-VAP8T0B 8 TB M.2 PCI Express 5.0 NVMe V-NAND TLC

Brand : Samsung

Product code: MZ-VAP8T0B/AM

Product name : MZ-VAP8T0B

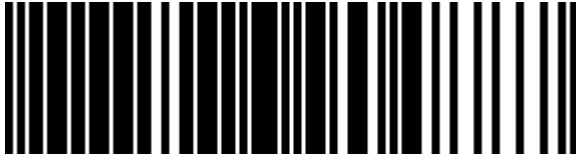


- Experience PCIe Gen 5.0 x4 performance twice as fast as the Gen 4 990 PRO
- Sequential read speeds up to 14,800MB/s ideal for tech enthusiasts, gamers and AI applications
- Smart thermal solution provides consistent and reliable performance
- Available in different capacities up to 8TB
- Five year limited warranty

8 TB, 9100 PRO, PCIe 5.0, NVMe M.2 SSD

Samsung MZ-VAP8T0B. SSD capacity: 8 TB, SSD form factor: M.2, Read speed: 14800 MB/s, Write speed: 13400 MB/s, Component for: PC/Game console

Features		Features	
NVMe version	2.0	Mean time between failures (MTBF)	1500000 h
Security algorithms	256-bit AES	Power	
SSD capacity *	8 TB	Operating voltage	3.3 V
SSD form factor *	M.2	Power consumption (read)	10.5 W
Interface *	PCI Express 5.0	Power consumption (write)	8.8 W
NVMe *	✓	Power consumption (idle)	0.009 W
Memory type *	V-NAND TLC	Power consumption DevSlp (device sleep)	8.6 mW
Component for *	PC/Game console	Weight & dimensions	
Hardware encryption *	✓	Width	80.2 mm
M.2 SSD size	2280 (22 x 80 mm)	Depth	3.88 mm
Read speed	14800 MB/s	Height	80.2 mm
Write speed	13400 MB/s	Packaging data	
Random read (4KB)	2200000 IOPS	Package type	Box
Random write (4KB)	2600000 IOPS	Operational conditions	
PCI Express interface data lanes	x4	Operating temperature (T-T)	0 - 70 °C
DevSlp (device sleep) support	✓	Operating shock	1500 G
S.M.A.R.T. support	✓	Other features	
TRIM support	✓	Warranty period	5 year(s)



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