

Samsung MZ-VAP4T0B 4 TB M.2 PCI Express 5.0 NVMe V-NAND TLC

Brand : Samsung

Product code: MZ-VAP4T0B/AM

Product name : MZ-VAP4T0B

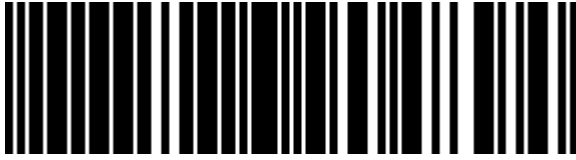
9100 PRO, PCIe 5.0, NVMe M.2 SSD

Samsung MZ-VAP4T0B. SSD capacity: 4 TB, SSD form factor: M.2, Read speed: 14800 MB/s, Write speed: 13400 MB/s, Component for: PC/Laptop



Features	
Security algorithms	256-bit AES
SSD capacity *	4 TB
SSD form factor *	M.2
Interface *	PCI Express 5.0
NVMe *	✓
Memory type *	V-NAND TLC
Component for *	PC/Laptop
Hardware encryption *	✓
M.2 SSD size	2280 (22 x 80 mm)
Read speed	14800 MB/s
Write speed	13400 MB/s
Random read (4KB)	2200000 IOPS
Random write (4KB)	2600000 IOPS
PCI Express interface data lanes	x4
DevSlp (device sleep) support	✓
S.M.A.R.T. support	✓
TRIM support	✓

Features	
Mean time between failures (MTBF)	1500000 h
Power	
Operating voltage	3.3 V
Average power consumption (read)	9 W
Average power consumption (write)	8.2 W
Weight & dimensions	
Width	80.2 mm
Depth	2.38 mm
Height	22.1 mm
Weight	9 g
Packaging data	
Package type	Box
Operational conditions	
Operating temperature (T-T)	0 - 70 °C
Operating shock	1500 G
Other features	
Warranty period	5 year(s)



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