

Samsung MZ-V8P2T0BW internal solid state drive M.2 2 TB PCI Express 4.0 NVMe V-NAND MLC

Brand : Samsung

Product code: MZ-V8P2T0BW

Product name : MZ-V8P2T0BW

- Next-level SSD performance
 - Exceptional speed
 - A powerful combination
- MZ-V8P2T0BW

Samsung MZ-V8P2T0BW. SSD capacity: 2 TB, SSD form factor: M.2, Read speed: 7000 MB/s, Write speed: 5100 MB/s, Component for: PC/Laptop



Features		Power	
NVMe version	1.3c	Operating voltage	3.3 V
Security algorithms	256-bit AES	Power consumption (max)	7.2 W
SSD form factor *	M.2	Power consumption (average)	6.1 W
SSD capacity *	2 TB	Power consumption (standby)	0.035 W
Interface *	PCI Express 4.0	Operational conditions	
NVMe *	✓	Operating temperature (T-T)	0 - 70 °C
Memory type *	V-NAND MLC	Maximum operating temperature	70 °C
Component for *	PC/Laptop	Operating shock	1500 G
Hardware encryption *	✓	Weight & dimensions	
Read speed	7000 MB/s	Width	80.2 mm
Write speed	5100 MB/s	Depth	2.38 mm
Random read (4KB)	1000000 IOPS	Height	22.1 mm
Random write (4KB)	1000000 IOPS	Weight	9 g
PCI Express interface data lanes	x4	Packaging data	
S.M.A.R.T. support	✓	Package type	Box
TRIM support	✓	Logistics data	
Mean time between failures (MTBF)	1500000 h	Harmonized System (HS) code	84717070

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