

## Samsung MZ-V8P2T0BW internal solid state drive 2 TB M.2 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 capacity *	2 TB	Power consumption (average)	6.1 W
SSD form factor *	M.2	Power consumption (standby)	0.035 W
Interface *	PCI Express 4.0	<b>Weight &amp; dimensions</b>	
NVMe *	✓	Width	80.2 mm
Memory type *	V-NAND MLC	Depth	2.38 mm
Component for *	PC/Laptop	Height	22.1 mm
Hardware encryption *	✓	Weight	9 g
Read speed	7000 MB/s	<b>Packaging data</b>	
Write speed	5100 MB/s	Package type	Box
Random read (4KB)	1000000 IOPS	<b>Operational conditions</b>	
Random write (4KB)	1000000 IOPS	Operating temperature (T-T)	0 - 70 °C
PCI Express interface data lanes	x4	Maximum operating temperature	70 °C
S.M.A.R.T. support	✓	Operating shock	1500 G
TRIM support	✓	<b>Logistics data</b>	
Mean time between failures (MTBF)	1500000 h	Harmonized System (HS) code	84717070

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