

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 | Weight & dimensions | |
| 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 | Packaging data | |
| Write speed | 5100 MB/s | Package type | Box |
| Random read (4KB) | 1000000 IOPS | Operational conditions | |
| Random write (4KB) | 1000000 IOPS | Operating temperature (T-T) | 0 - 70 °C |
| PCI Express interface data lanes | x4 | Minimum operating temperature | 0 °C |
| S.M.A.R.T. support | ✓ | Maximum operating temperature | 70 °C |
| TRIM support | ✓ | Operating shock | 1500 G |
| Mean time between failures (MTBF) | 1500000 h | Logistics data | |
| | | Harmonized System (HS) code | 84717070 |

Catalog Object Cloud



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