Samsung 970 EVO Plus M.2 500 GB PCI Express 3.0 V-NAND MLC NVMe

Brand : Samsung

Product name : 970 EVO Plus

- Always Evolving SSD

- Level up Performance

- Design Flexibility

500GB, M.2, PCIe Gen 3.0 x 4, NVMe 1.3

Samsung 970 EVO Plus. SSD capacity: 500 GB, SSD form factor: M.2, Read speed: 3500 MB/s, Write speed: 3300 MB/s, Component for: PC



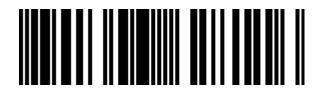


| Features | | Features | |
|---|---|---|--|
| NVMe version Security algorithms SSD form factor * | rithms 256-bit AES tor * M.2 * 500 GB PCI Express 3.0 * V-NAND MLC ✓ | Mean time between failures (MTBF) Harmonized System (HS) code | 1500000 h 84717070 |
| | | Power | |
| SSD capacity * Interface * Memory type * NVMe * Component for * | | Operating voltage Power consumption (max) Power consumption (average) Power consumption (idle) | 3.3 V 9 W 5.8 W 0.003 W |
| Hardware encryption * | √ | Operational conditions | |
| Read speed 3500 MB/s | 3500 MB/s | Operating temperature (T-T) | 0 - 70 °C |
| Write speed | 3300 MB/s | Weight & dimensions | |
| Random read (4KB) Random write (4KB) Controller type PCI Express interface data lanes DevSlp (device sleep) support | 480000 IOPS 550000 IOPS Samsung Phoenix x4 | Width Depth Height Weight | 80.2 mm 2.38 mm 22.1 mm 8 g |
| S.M.A.R.T. support | 1 | Packaging data | |
| | | Bundled software Package type | Magician Software for SSD management Box |
| | | Other features | |

Product code: MZ-V7S500BW

Launch date

1/22/2019





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