Samsung PM9A3 7.68 TB 2.5" PCI Express 4.0 NVMe V-NAND TLC

Brand : Samsung **Product code:** MZ-QL27T600

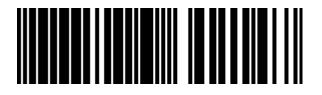
Product name: PM9A3

7.68 TB, 2.5", NVMe, V-NAND TLC, PCIe 4.0 x4, TRIM, S.M.A.R.T., AES 256-bit Samsung PM9A3. SSD capacity: 7.68 TB, SSD form factor: 2.5", Read speed: 6700 MB/s, Write speed: 4000 MB/s, Component for: PC





| Features | | Features | |
|---|--|---|-------------------------------------|
| NVMe version Security algorithms SSD capacity * SSD form factor * Interface * Memory type * Component for * Hardware encryption * Read speed Write speed Random read (4KB) Random write (4KB) Sequential read speed (AS SSD) Sequential write speed (AS SSD) Sequential write speed (AS SSD) Sequential write speed (AS SSD) 1.4 256-bit AES 7.68 TB 2.5" PCI Express 4.0 V-NAND TLC PC 4 6700 MB/s 4000 MB/s 1100000 IOPS 6700 MB/s 6700 MB/s 4000 MB/s | 256-bit AES 7.68 TB 2.5" PCI Express 4.0 | PCI Express interface data lanes S.M.A.R.T. support TRIM support End-to-End Data Protection Mean time between failures (MTBF) | x4 ✓ ✓ 2000000 h |
| | | Power | |
| | PC ✓ 6700 MB/s | Operating voltage Power consumption (read) Power consumption (write) Power consumption (max) | 12 V 11 W 13.5 W 3.5 W |
| | • | Weight & dimensions | |
| | 6700 MB/s | Width Depth Height Weight | 110.2 mm 22 mm 3.8 mm 90 g |
| | | Operational conditions | |
| | | Operating temperature (T-T) Operating shock | 0 - 70 °C 1500 G |





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