

Samsung PM9A3 3.84 TB 2.5" PCI Express 4.0 NVMe V-NAND TLC

Brand : Samsung

Product code: MZ-QL23T800

Product name : PM9A3

PM9A3 NVMe® U.2 3.84TB

Samsung PM9A3. SSD capacity: 3.84 TB, SSD form factor: 2.5", Read speed: 6900 MB/s, Write speed: 4100 MB/s, Component for: PC



| Features | | Features | |
|---------------------------------|-----------------|-----------------------------------|-----------|
| NVMe version | 1.4 | S.M.A.R.T. support | ✓ |
| Security algorithms | 256-bit AES | TRIM support | ✓ |
| SSD capacity * | 3.84 TB | End-to-End Data Protection | ✓ |
| SSD form factor * | 2.5" | Mean time between failures (MTBF) | 2000000 h |
| Interface * | PCI Express 4.0 | Power | |
| NVMe * | ✓ | Operating voltage | 12 V |
| Memory type * | V-NAND TLC | Power consumption (read) | 11 W |
| Component for * | PC | Power consumption (write) | 13.5 W |
| Hardware encryption * | ✓ | Power consumption (max) | 3.5 W |
| Read speed | 6900 MB/s | Weight & dimensions | |
| Write speed | 4100 MB/s | Width | 110.2 mm |
| Random read (4KB) | 1000000 IOPS | Depth | 3.8 mm |
| Random write (4KB) | 180000 IOPS | Height | 22 mm |
| Sequential read speed (AS SSD) | 6900 MB/s | Weight | 90 g |
| Sequential write speed (AS SSD) | 4100 MB/s | Operational conditions | |
| Controller type | Samsung Elpis | Operating temperature (T-T) | 0 - 70 °C |
| | | Logistics data | |
| | | Harmonized System (HS) code | 84717070 |



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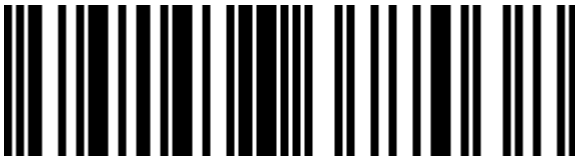
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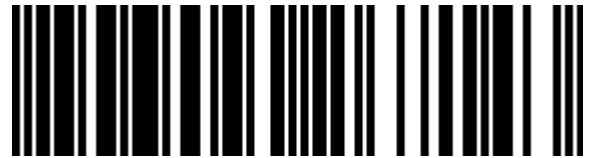
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