



**SSD SAMSUNG**  
**SSD series**  
**PM9A3 7.68TB**  
**PCIe Gen4 NVMe**  
**Write speed**  
**4000 MBytes/sec**  
**Read speed**  
**6800 MBytes/sec**  
**Form Factor U.2**  
**MTBF 2000000**  
**hours**  
**MZQL27T6HBLA-**  
**00A07**

Model: MZQL27T6HBLA-00A07

Manufacturer: SAMSUNG

Product Code: 40451

**R101,868**

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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SSD series PM9A3 | 7.68 TB | U.2 | PCI Express 4.0 | NVMe Yes | Component for Server/workstation | Write speed 4100 MB/s | Read speed 6800 MB/s | Mean time between failures (MTBF) 2000000 h | Operating temperature (T-T) 0 - 70 °C Summary: Samsung PM9A3. SSD capacity: 7.68 TB, SSD form factor: U.2, Read speed: 6800 MB/s, Write speed: 4100 MB/s, Component for: Server/workstation | Vendor Homepage: <https://samsung.com/> | Component for: Server/workstation | End-to-End Data Protection: Yes | Hardware encryption: Yes | Interface: PCI Express 4.0 | Mean time between failures (MTBF): 2000000 | Memory type: MLC | NVMe: Yes | Random read (4KB): 1100000 | Random write (4KB): 200000 | Read speed: 6800 | S.M.A.R.T. support: Yes | Security algorithms: 256-bit AES-XTS | SSD capacity: 7680 | SSD form factor: U.2 | Uncorrectable Bit Error Rate (UBER): 1 per 10<sup>17</sup> bits read | Write speed: 4100 | Operating voltage: 12 | Power consumption (idle): 3.5 | Power consumption (max): 13.5 | Depth: 7 | Height: 100 | Width: 70 | Non-operating shock: 1500 | Non-operating vibration: 20 | Operating relative humidity (H-H): 5 - 95 | Operating temperature (T-T): 0 - 70 | Storage temperature (T-T): -40 - 85 | Harmonized System (HS) code: 84717070 | Parameter Level: 3 | Product Net Weight: 0.02 | Shipping Box Height: 25 | Unit Calculated Volume: 0.0005256 | Unit Calculated Weight: 0.117 | Units per Pallet: 0 | Units per Shipping Box: 120 | SSD series: PM9A3

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