

## Samsung PM1643 2.5" 30.7 TB SAS V-NAND TLC

**Brand :** Samsung

**Product code:** MZILT30THMLA-00007

**Product name :** PM1643



- Ultra-High Capacity SAS SSD
  - High Speed with Low Latency
  - Enhanced Reliability, Better Performance
  - Best Solution for Heavy Demands
  - Reliable Storage, 24/7 Operation
  - Top Solution for Diverse Applications
- 30.72 TB, SAS 12.0 Gbps, TLC, V-NAND, 100.20 x 69.85 x 14.80 mm

### Samsung PM1643 2.5" 30.7 TB SAS V-NAND TLC:

PM1643 delivers high-value faster read speeds while improving TCO with outstanding reliability, security and endurance. It provides a powerful solution for mission-critical enterprise applications. It also provides significantly more capacity up to 30.72 TB.

Samsung PM1643. SSD capacity: 30.7 TB, SSD form factor: 2.5", Read speed: 2100 MB/s, Write speed: 1700 MB/s, Data transfer rate: 12 Gbit/s, Component for: Server/workstation

| Features                          |                         | Operational conditions            |             |
|-----------------------------------|-------------------------|-----------------------------------|-------------|
| NAND flash type                   | TLC (Triple Level Cell) | Operating temperature (T-T)       | 0 - 70 °C   |
| SSD form factor *                 | 2.5"                    | Storage temperature (T-T)         | -40 - 85 °C |
| SSD capacity *                    | 30.7 TB                 | Operating relative humidity (H-H) | 5 - 95%     |
| Interface *                       | SAS                     | Storage relative humidity (H-H)   | 5 - 95%     |
| Memory type *                     | V-NAND TLC              | Weight & dimensions               |             |
| Component for *                   | Server/workstation      | Width                             | 100.2 mm    |
| Hardware encryption *             | ✓                       | Depth                             | 14.8 mm     |
| Data transfer rate                | 12 Gbit/s               | Height                            | 69.8 mm     |
| Read speed                        | 2100 MB/s               | Logistics data                    |             |
| Write speed                       | 1700 MB/s               | Harmonized System (HS) code       | 84717070    |
| Mean time between failures (MTBF) | 2000000 h               | Other features                    |             |
| Power                             |                         | Product colour                    | Black       |
| Power consumption (idle)          | 5 W                     |                                   |             |

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