SAMSUNG

# Samsung PM863a 1,92 TB 2.5" Serial ATA III TLC

**Marke :** Samsung

**Artikel-Code:** MZ7LM1T9HMJP-00005

**Produktname :** PM863a

Samsung PM863a. SSD Speicherkapazität: 1,92 TB, SSD-Formfaktor: 2.5", Lesegeschwindigkeit: 520 MB/s, Schreibgeschwindigkeit: 480 MB/s, Datenübertragungsrate: 6 Gbit/s




| Merkmale | |
|---|---|
| Unterstützte Sicherheitsalgorithmen | 256-bit AES |
| SSD Speicherkapazität * | 1,92 TB |
| SSD-Formfaktor * | 2.5" |
| Schnittstelle * | Serial ATA III |
| Speichertyp * | TLC |
| Hardwareverschlüsselung * | ✔ |
| Datenübertragungsrate | 6 Gbit/s |
| Lesegeschwindigkeit | 520 MB/s |
| Schreibgeschwindigkeit | 480 MB/s |
| Zufälliges Lesen (4KB) | 97000 IOPS |
| Zufälliges Schreiben (4KB) | 24000 IOPS |
| S.M.A.R.T. Unterstützung | ✔ |
| TRIM-Unterstützung | ✔ |
| Unkorrigierbare Bit Error-Rate (UBER) | < 1 per 10^17 bits read |
| Mittlere Betriebsdauer zwischen Ausfällen (MTBF) | 2000000 h |

| Energie | |
|---|---|
| Arbeitsspannung | 5 V |

| Energie | |
|---|---|
| Energieverbrauch (lesen) | 3 W |
| Energieverbrauch (schreiben) | 4 W |
| Energieverbrauch (idle) | 1,3 W |

| Gewicht und Abmessungen | |
|---|---|
| Breite | 100 mm |
| Tiefe | 6,8 mm |
| Höhe | 68,8 mm |
| Gewicht | 54,34 g |

| Betriebsbedingungen | |
|---|---|
| Betriebstemperatur | 0 - 70 °C |
| Temperaturbereich bei Lagerung | -40 - 85 °C |
| Luftfeuchtigkeit bei Lagerung | 5 - 95% |
| Stoßfestigkeit in Betrieb | 1500 G |

| Sonstige Funktionen | |
|---|---|
| Produktfarbe | Schwarz |
| NAND-Controller | V-NAND |

| Logistikdaten | |
|---|---|
| Warentarifnummer (HS) | 84717070 |

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**Catalog Object Cloud**

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