

Samsung MZ-77Q1T0 1 TB 2.5" Serial ATA III V-NAND MLC

Marke : Samsung Artikel-Code: MZ-77Q1T0BW

Produktname : MZ-77Q1T0



- SATA SSD mit hoher Speicherkapazität für Alltagsanwendungen am PC oder Laptop
  - Gut geeignet als Alternative zur HDD (Festplatte)
  - Bis zu 3,6 Mal schneller als eine HDD mit Datenübertragungsraten von bis zu 560 MB/s
  - Intelligent TurboWrite Puffer für maximale Schreibleistung bei langandauernden Arbeitslasten
- MZ-77Q1T0BW
- Samsung MZ-77Q1T0. SSD Speicherkapazität: 1 TB, SSD-Formfaktor: 2.5", Lesegeschwindigkeit: 560 MB/s, Schreibgeschwindigkeit: 530 MB/s, Datenübertragungsrate: 6 Gbit/s, Komponente für: PC

| Merkmale                            |                | Merkmale                                         |           |
|-------------------------------------|----------------|--------------------------------------------------|-----------|
| Unterstützte Sicherheitsalgorithmen | 256-bit AES    | Mittlere Betriebsdauer zwischen Ausfällen (MTBF) | 1500000 h |
| SSD Speicherkapazität *             | 1 TB           | Energie                                          |           |
| SSD-Formfaktor *                    | 2.5"           | Arbeitsspannung                                  | 5 V       |
| Schnittstelle *                     | Serial ATA III | Stromverbrauch (max.)                            | 4 W       |
| Speichertyp *                       | V-NAND MLC     | Stromverbrauch (durchschnittl.)                  | 2,2 W     |
| Komponente für *                    | PC             | Energieverbrauch (idle)                          | 0,03 W    |
| Hardwareverschlüsselung *           | ✓              | Gewicht und Abmessungen                          |           |
| Datenübertragungsrate               | 6 Gbit/s       | Breite                                           | 69,8 mm   |
| Lesegeschwindigkeit                 | 560 MB/s       | Tiefe                                            | 100 mm    |
| Schreibgeschwindigkeit              | 530 MB/s       | Höhe                                             | 6,8 mm    |
| Zufälliges Lesen (4KB)              | 98000 IOPS     | Gewicht                                          | 46 g      |
| Zufälliges Schreiben (4KB)          | 88000 IOPS     | Betriebsbedingungen                              |           |
| Controller Typ                      | Samsung MKX    | Betriebstemperatur                               | 0 - 70 °C |
| DevSlp (Geräteschlaf)-Unterstützung | ✓              | Stoßfestigkeit in Betrieb                        | 1500 G    |
| S.M.A.R.T. Unterstützung            | ✓              | Logistikdaten                                    |           |
| TRIM-Unterstützung                  | ✓              | Warentarifnummer (HS)                            | 84717070  |



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### Catalog Object Cloud



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