

Samsung 990 EVO M.2 1 TB PCI Express 4.0 NVMe V-NAND TLC

Merk : Samsung

Artikelcode: MZ-V9E1T0BW

Productnaam : 990 EVO



- Tot 5.000/4.200 MB/s seq lees-/schrijfsnelheid
- Tot 680K/800K random lees-/schrijfsnelheid
- PCIe 5.0 x2 en PCIe 4.0 x4 compatibiliteit
- Energieverbruik verlaagd tot 25% meer dan de 970 EVO Plus
- Energie-efficiëntie tot 70% beter dan de 970 EVO Plus

990 EVO PCIe 4.0 x4 / 5.0 x2 NVMe M.2 SSD

Samsung 990 EVO. SSD capaciteit: 1 TB, SSD-vormfactor: M.2, Leessnelheid: 5000 MB/s, Schrijfsnelheid: 4200 MB/s, Component voor: Universeel



| Kenmerken | | Energie | |
|-------------------------------------|-------------------|--|----------------|
| NVMe versie | 2.0 | Operating voltage | 3,3 V |
| Ondersteunde beveiligingsalgoritmen | 256-bit AES | Stroomverbruik (lezen) | 4,9 W |
| SSD-vormfactor * | M.2 | Stroomverbruik (schrijven) | 4,5 W |
| SSD capaciteit * | 1 TB | Slaapstand | 0,005 W |
| Interface * | PCI Express 4.0 | Stroomverbruik (idle) | 0,06 W |
| NVMe * | ✓ | Eisen aan de omgeving | |
| Type geheugen * | V-NAND TLC | Bedrijfstemperatuur (T-T) | 0 - 70 °C |
| Component voor * | Universeel | Temperatuur bij opslag | -40 - 85 °C |
| Hardware encryptie * | ✓ | Relatieve vochtigheid in bedrijf (V-V) | 5 - 95 procent |
| M.2 SSD-grootte | 2280 (22 x 80 mm) | Luchtvochtigheid bij opslag | 5 - 95 procent |
| Leessnelheid | 5000 MB/s | Trillingen bij opslag | 20 G |
| Schrijfsnelheid | 4200 MB/s | Schokbestendigheid (buiten gebruik) | 1500 G |
| PCI Express interface data lanes | x4 | Technische details | |
| PCI Express CEM revisie | 4.0 | Garantieperiode | 5 jaar |
| S.M.A.R.T. support | ✓ | Gewicht en omvang | |
| TRIM support | ✓ | Breedte | 80,2 mm |
| Mean time between failures (MTBF) | 1500000 uur | Diepte | 22,1 mm |
| TBW-classificatie | 600 | Hoogte | 2,38 mm |
| | | Gewicht | 9 g |
| | | Verpakking | |
| | | Type verpakking | Doos |



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