SAMSUNG

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



**Tuotemerkki :** Samsung

**Tuotekoodi:** MZ-V9E2T0BW

**Tuotteen nimi :** 990 EVO

Samsung 990 EVO. SSD-kapasiteetti: 2 TB, SSD-malli: M.2, Lukunopeus: 5000 MB/s, Kirjoitusnopeus: 4200 MB/s, Komponentti (tuotteelle): PC



| Ominaisuudet | |
|---|---|
| NVMe -versio | 2.0 |
| Tietoturva-algoritmit | 256-bit AES |
| SSD-kapasiteetti * | 2 TB |
| SSD-malli * | M.2 |
| Käyttöliittymä * | PCI Express 4.0 |
| NVMe * | ✔ |
| Muistityyppi * | V-NAND TLC |
| Komponentti (tuotteelle) * | PC |
| Laitteistosalaus * | ✔ |
| M.2 SSD:n koko | 2280 (22 x 80 mm) |
| Lukunopeus | 5000 MB/s |
| Kirjoitusnopeus | 4200 MB/s |
| Random read (4KB) | 700000 IOPS |
| Random write (4KB) | 800000 IOPS |
| PCI Express-käyttöliittymän tietokaistat | x4 |
| DevSlp (laite lepotilassa) -tuki | ✔ |
| PCI Express CEM -versio | 4.0 |
| S.M.A.R.T. tuki | ✔ |
| TRIM-tuki | ✔ |
| Keskimääräinen vikaantumisaika | 1500000 h |
| TBW-taso | 1200 |

| Virranhallinta | |
|---|---|
| Käyttöjännite | 3,3 V |
| Virrankulutus (luku) | 5,5 W |
| Virrankulutus (kirjoitus) | 4,7 W |
| Virrankulutus (lepotila) | 0,005 W |
| Virrankulutus (lepotila) | 0,06 W |
| Virran kulutus DevSlp (device sleep) | 5 mW |

| Paino ja mitat | |
|---|---|
| Tuotteen leveys | 80 mm |
| Tuotteen syvyys | 2,38 mm |
| Tuotteen korkeus | 22 mm |
| Paino | 9 g |

| Pakkaustiedot | |
|---|---|
| Pakkaustyyppi | Laatikko |

| Ympäristöolosuhteet | |
|---|---|
| Käyttölämpötila (T-T) | 0 - 70 °C |
| Varastointilämpötila | -40 - 85 °C |
| Käytön suhteellinen kosteus (H-H) | 5 - 95% |
| Säilytysympäristön kosteus | 5 - 95% |
| Ei tärinää käytön aikana | 20 G |
| Iskunkestävyys käytön aikana | 1500 G |
| Iskunkestävyys toimimattomana | 1500 G |

| Muut ominaisuudet | |
|---|---|
| Takuuaika | 5 vuosi/vuosia |

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