

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

Brand : Samsung

Product code: MZ-V9V1T0BW



Product name : 990

Samsung 990. Pooljuhtketta maht: 1 TB, SSD-ketta mõõtmed: M.2, Lugemise kiirus: 7150 MB/s, Kirjutamise kiirus: 6450 MB/s, Komponent: PC

| Funktsioonid                           |                           | Funktsioonid                         |           |
|----------------------------------------|---------------------------|--------------------------------------|-----------|
| NVMe versioon                          | 2.0                       | TRIM-tugi                            | ✓         |
| Turvaalgoritmid                        | 256-bit AES, TCG Opal 2.0 | Keskmine tõrkeintervall (MTBF)       | 1500000 h |
| Pooljuhtketta maht *                   | 1 TB                      | Võimsus                              |           |
| SSD-ketta mõõtmed *                    | M.2                       | Talituspinge                         | 3,3 V     |
| Liides *                               | PCI Express 4.0           | Võimsustarve (lugemisel)             | 4 W       |
| NVMe *                                 | ✓                         | Võimsustarve (kirjutamisel)          | 3,7 W     |
| Mälu tüüp *                            | V-NAND                    | Võimsustarve (jõudeajal)             | 0,055 W   |
| Komponent *                            | PC                        | Voolu tarbimine DevSlp (seade magab) | 3 mW      |
| Riistvara krüpteerimine *              | ✓                         | Kaal ja mõõtmed                      |           |
| M.2 SSD suurus                         | 2280 (22 x 80 mm)         | Laius                                | 80,2 mm   |
| Lugemise kiirus                        | 7150 MB/s                 | Sügavus                              | 2,38 mm   |
| Kirjutamise kiirus                     | 6450 MB/s                 | Kõrgus                               | 22,1 mm   |
| Juhuslik lugemine (4 kB)               | 700000 IOPS               | Pakendi andmed                       |           |
| Juhuslik kirjutamine (4 kB)            | 1100000 IOPS              | Pakendi tüüp                         | Karp      |
| PCI Expressi kasutajaliidese andmerida | x4                        | Töötingimused                        |           |
| DevSlp (device sleep) tugi             | ✓                         | Kasutamistemperatuur (T-T)           | 0 - 70 °C |
| PCI Express CEM versioon               | 4.0                       | Löögikoormus kasutamisel             | 1500 G    |
| S.M.A.R.T.-tugi                        | ✓                         |                                      |           |



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### Catalog Object Cloud



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