



**SSD SAMSUNG
990 EVO Plus
1TB M.2 PCIe
Gen5 NVMe TLC
Write speed
6300 MBytes/sec
Read speed
7150 MBytes/sec
2.38mm TBW
1200 TB MZ-
V9S1T0BW**

Model: MZ-V9S1T0BW

Manufacturer: SAMSUNG

EAN: 8806095575674

Product Code: 41122

R5,826

Spectacular speed everyday

Blast through tasks faster. 990 EVO Plus with the latest NAND offers boosted sequential read/write

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speeds up to 7,250/6,300MB/s. Huge files, instant transfer.

Keep cool and power through your day

Optimised efficiency, extended performance. The nickel-coated controller increases MB/s per Watt by 73% compared to the 990 EVO, achieving the same power level and thermal control with less power consumption. Stay focused on work or play without worrying about overheating or battery life.

Extra space. Extra speed.

Harness the full power of your drive with enhanced Intelligent TurboWrite 2.0. Process massive data faster and breeze through heavy graphics with an enlarged TurboWrite region, now available in 4TB capacity.

Samsung Magician software

Make your SSD work like magic. Samsung Magician software's optimisation tools ensure the best SSD performance. It's a safe and easy way to migrate all your data for a Samsung SSD upgrade. Protect valuable data, monitor drive health, and get the latest firmware updates.

Bringing innovations to life

For decades, Samsungs NAND flash memory has powered groundbreaking technologies that have changed every part of our daily lives. This NAND flash technology also powers our consumer SSDs, making room for the next big push of innovation.

Performance

Up to 7,250MB/s of sequential read speed, 45% faster speed than the previous model, the 990 EVO.

Power efficiency

Power efficiency enhanced by 73% compared to the 990 EVO for more MB/s per watt, while maintaining performance and thermal control.

Versatility

Up to 4TB capacity and rapid Intelligent TurboWrite 2.0.

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- Supported by the latest PCIe® 4.0 x4 and PCIe® 5.0 x2 interfaces, offering flexibility for current and future computing.
- Sequential read speeds of up to 7,250MB/s to meet the demands of business and creative work.
- Available in different capacities up to 4TB.
- Power efficient design puts less burden on your PC's battery life.
- Smart thermal solution provides consistent and reliable performance.
- Five year limited warranty.

Summary: Samsung MZ-V9S1T0. SSD capacity: 1 TB, SSD form factor: M.2, Read speed: 7150 MB/s, Write speed: 6300 MB/s, Component for: PC | Vendor Homepage:

<https://www.samsung.com/uk/memory-storage/nvme-ssd/990-evo-plus-1tb-nvme-pcie-gen-4-mz-v9s1t0bw/> | Component for: PC | DevSlp (device sleep) support: Yes | Hardware encryption: Yes | Interface: PCI Express 4.0 | M.2 SSD size: 2280 (22 x 80 mm) | Mean time between failures (MTBF): 1500000 | Memory type: V-NAND TLC | NVMe: Yes | NVMe version: 2.0 | Random read (4KB): 850000 | Random write (4KB): 1350000 | Read speed: 7150 | S.M.A.R.T. support: Yes | Security algorithms: 256-bit AES | SSD capacity: 1000 | SSD form factor: M.2 | TRIM support: Yes | Write speed: 6300 | Average power consumption (read): 4.3 | Average power consumption (write): 4.2 | Operating voltage: 3.3 | Power consumption (idle): 0.06 | Power consumption (read): 4.3 | Power consumption (write): 4.2 | Power consumption DevSlp (device sleep): 5 | Depth: 2.38 | Height: 80.15 | Weight: 9 | Width: 80.15 | Package depth: 100 | Package height: 24 | Package weight: 68 | Package width: 145 | Operating shock: 1500 | Operating temperature (T-T): 0 - 70 | Model: MZ-V9S1T0BW | SSD series: 990 EVO Plus | Units per Pallet: 0 | Units per Shipping Box: 60 | Unit Calculated Volume: 0.0008342 | Unit Calculated Weight: 0.102

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