



**SSD SAMSUNG  
990 PRO with  
Heatsink 1TB  
M.2 PCIE NVMe  
MLC Write  
speed 6900  
MBytes/sec  
Read speed  
7450 MBytes/sec  
2.3mm TBW 600  
TB MTBF  
1500000 hours  
MZ-V9P1T0CW**

Model: MZ-V9P1T0CW

Manufacturer: SAMSUNG

EAN: 8806094413748

Product Code: 41043

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**R6,819**

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The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

## **The Ultimate SSD**

Reach max performance of PCIe® 4.0. Experience longer-lasting, opponent-blasting speed. The in-house controller's smart heat control delivers supreme power efficiency while maintaining ferocious speed and performance, to always keep you at the top of your game.

## **PCIe 4.0 speed maximised**

Huge speed boost. 40% and 55% faster random read/write speeds than 980 PRO - up to 1,400K/1,550K IOPS, while sequential read/write speeds up to 7,450/6,900 MB/s reach near max performance of PCIe® 4.0. Fly high in gaming, video and 3D editing, data analysis, and more.

## **Breakthrough power efficiency**

More power-efficient performance. Higher performance usually consumes more power. 990 PRO uses less power with up to 50% improved performance per Watt over 980 PRO. This low-power design makes max PCIe® 4.0 performance possible with optimal power efficiency.

## **Smart thermal solution**

Sink that heat. The slim heatsink dissipates heat to prevent performance drops from overheating. Get stable heat control, and minimal fan noise for heavy-graphic gaming. The thin body is compatible with PlayStation® 5, desktops, and laptops meeting the PCI-SIG® D8 standard.

## **The champion maker**

The best gameplay experience. A more than 55% improvement in random performance enables faster loads for ultimate gaming realism on PS5 and DirectStorage PC games. The heatsink's futuristic design adds style to heat control, now with RGB lights.

## **Samsung Magician software**

Unlock the full power of 990 PRO. Samsung Magician software's user-friendly suite of optimisation tools always gets you the best SSD performance. Protect data, get updates, monitor drive health, and set up LED colour combinations. Your personal SSD toolkit.

## **World's No. 1 Flash Memory**

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Experience superior performance and reliability you only get from the world's No.1 flash memory brand since 2003. All components and firmware are produced in-house, including Samsung's world-renowned DRAM and NAND, for integrated start-to-finish quality you can trust.

- Samsung NVMe SSD powered by newly designed in-house controller
- Up to 7,450 / 6,900 MB/s sequential read/write speed
- Power efficient SSD, reliable thermal control, with heatsink

Summary: Samsung 990 PRO. SSD capacity: 1 TB, SSD form factor: M.2, Read speed: 7450 MB/s, Write speed: 6900 MB/s, Component for: PC | Vendor Homepage:

<https://www.samsung.com/sg/memory-storage/nvme-ssd/nvme-pcie-gen-4-1tb-mz-v9p1t0cw/> | Backlight: Yes | Component for: PC | 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 MLC | NVMe: Yes | NVMe version: 2.0 | Read speed: 7450 | 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: 6900 | Operating voltage: 3.3 | Power consumption (average): 5.4 | Power consumption (idle): 0.05 | Power consumption (max): 7.8 | Depth: 8.2 | Height: 24.3 | Weight: 28 | Width: 80 | Bundled software: Samsung Magician | Package type: Hanging box | Operating shock: 1500 | Operating temperature (T-T): 0 - 70 | Model: MZ-V9P1T0CW | SSD series: 990 PRO with Heatsink | Units per Pallet: 0 | Units per Shipping Box: 60 | Unit Calculated Volume: 0.0008433 | Unit Calculated Weight: 0.112

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