



**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-V9P1T0GW**

Model: MZ-V9P1T0GW

Manufacturer: SAMSUNG

EAN: 8806094594645

Product Code: 41042

R6,819

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.

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Superb SSD for gaming enthusiasts

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 1400K/1550K IOPS, while sequential read/write speeds up to 7450/6900 MB/s reach near max performance of PCIe® 4.0. Fly high in gaming, video and 3D editing, data analysis, and more.

Improved power efficiency

Higher performance often consumes more power. Not with the 990 PRO. Experience low power consumption with over 50% improved performance per watt over the previous model, 980 PRO.

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.

Game like a pro

Secure victory with 990 PRO with Heatsink's expanded 4TB capacity, empowering you with a random read speed of up to 1,600,000 IOPS. Witness faster loading times on your PC and PlayStation® 5, as it breathes life into your games.

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.

- PCIe ® 4.0 NVMe™ SSD for PC and console gaming enthusiasts.
- Up to 7,450 / 6,900 MB/s sequential read/write speed
- Power efficient SSD, reliable thermal control, with heatsink

Summary: Samsung MZ-V9P1T0. SSD capacity: 1 TB, SSD form factor: M.2, Read speed: 7450 MB/s, Write speed: 6900 MB/s, Component for: PC/Game console | Vendor Homepage:

<https://www.samsung.com/uk/memory-storage/nvme-ssd/nvme-pcie-gen-4-1tb-mz-v9p1t0gw/> | Component for: PC/Game console | 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 MLC | NVMe: Yes | NVMe version: 2.0 | Random read (4KB): 1200000 | Random write (4KB): 1550000 | 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 | Operating shock: 1500 | Operating temperature (T-T): 0 - 70 | Model: MZ-V9P1T0GW | 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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