CSSi SA - "Securing Tomorrow, Today"
Waterfall Office Park, 28 Augrabies Rd Vorna Valley, Midrand, 1685
Generated: 2026-10-30 12:48

Samsung 980 PRO 500 GB M.2 PCI Express 4.0 NVMe V-NAND MLC

Model: MZ-V8P500BW

Manufacturer: SAMSUNG

Product Code: 12724

R3,077 ~~R3,319~~

Next-level SSD performance

Unleash the power of the Samsung PCIe 4.0 NVMe™ SSD 980 PRO for your next-level computing. Leveraging the PCIe 4.0 interface, the 980 PRO delivers double the data transfer rate of PCIe 3.0 while being backward compatible for PCIe 3.0 for added versatility.

Maximum speed

Powered by Samsung in-house controller for PCIe 4.0 SSD, the 980 PRO is optimised for speed. It delivers read speeds up to 7,000 MB/s, making it 2 times faster than PCIe 3.0 SSDs and 12.7 times faster than SATA SSDs. The 980 PRO achieves max speeds on PCIe 4.0 and may vary in other environments.

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.

A winning combination

Designed with hardcore gamers and tech-savvy users in mind, the 980 PRO offers high-performance bandwidth and throughput for heavy-duty applications in gaming, graphics, data analytics and more. It's fast at loading games, so you can play more and wait less.

Efficient M.2 SSD

The 980 PRO comes in a compact M.2 2280 form factor, which can be easily plugged into desktops and laptops for maximum board design flexibility. The drive is suitable for building high-performance computing systems due to its optimised power efficiency.

Reliable thermal control

High-performance SSDs usually require high-performance thermal control. To ensure stable performance, the 980 PRO uses nickel coating to help manage the controller's heat level and a heat spreader label to deliver effective thermal control of the NAND chip.

Smart thermal solution

Embedded with Samsung's cutting-edge thermal control algorithm, the 980 PRO manages heat on its own to deliver durable and reliable performance. To minimise performance fluctuations in the long haul, Samsung's Dynamic Thermal Guard technology maintains the 980 PRO's temperature at optimal levels.

Samsung Magician software

Unlock the full power of the 980 PRO with Samsung Magician's intuitive yet advanced optimisation tools. Monitor drive health, optimise performance, protect valuable data and receive important updates with Magician to ensure you're always getting the best performance out of your SSD.

World's No. 1 flash memory

Experience superior performance and reliability that you can only get from the world's number one brand for flash memory since 2003. All firmware and components, including Samsung's world-

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.
shop.cssi.co.za | sales@cssi.co.za | +27 (11)541-9950

renowned DRAM and NAND, are produced in-house, allowing end-to-end integration for quality you can trust.

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.
shop.cssi.co.za | sales@cssi.co.za | +27 (11)541-9950