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Samsung 9100 PRO 8 TB M.2 PCI Express 5.0 NVMe V-NAND TLC

Model: MZ-VAP8T0CW

Manufacturer: SAMSUNG

EAN: 8806095811642

Product Code: 1196181

R44,858

Breakthrough PCIe® 5.0 performance

Push PCIe® 5.0 performance to the max. 9100 PRO with Heatsink achieves lightning-fast sequential read/write speeds up to 14,800/13,400 MB/s, two times faster than 990 PRO. Leave Gen4 limits behind with random read/write speeds up to 2,200K/2,600K IOPS, only possible by Gen5.

Impressive processing power

Speed past productivity limits. Exhilarating random read/write speeds enable ultra-fast parallel processing for countless fragmented data, at up to 2,200K/2,600K IOPS. Experience superior output and instant loads for huge games, high-performance tasks, and even AI applications.

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Rapid AI creation

Intelligence redefines performance. Defy your limits in work and play with an on-board AI PC and AI content generation, fuelled by 9100 PRO with Heatsinks exhilarating random read/write speeds up to 2,200K/2,600K IOPS. Swift loads, smooth gameplay, seamless performance.

Advance your gameplay

Boundless gaming freedom. Join forces with the 9100 PRO with Heatsink on PC, laptop, or PlayStation® 5, and experience surreal performance with the latest PCIe® 5.0 interfaces. Equip yourself with the ultimate advantage to help overwhelm opponents and emerge victorious.

Extraordinary thermal efficiency

Peak performance, uninterrupted. The advanced 5nm controller power architecture enhances power efficiency up to 49% over 990 PRO. Exceptional thermal control ensures nothing disrupts your flow, so you can keep the most demanding programs running with the max possible power of PCIe® 5.0.

Boost your gaming experience

Secure victory with the immense 8TB capacity. 9100 PRO with Heatsink delivers huge space to expand your ever-growing game library. Break free from storage constraints and keep all your favourite game titles.

Slim build. Seamless fit.
Super slim fit. 9100 PRO with Heatsink boasts an incredibly thin 8.8mmT body, compatible with PlayStation® 5, PC, and on laptops, meeting PCI-SIG® D8 specs. Overcome space limits and get ultimate design flexibility to build your most efficient, high-performance system, with the compact M.2 form factor.

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.

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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.

PCIe® 5.0 Performance

Max 14,800/13,400 MB/s sequential speeds,two times faster than 990 PRO.

Advance your gameplay

Mega capacity with exceptional compatibility.

Innovative Power & Thermal Control

Up to 49% enhanced power efficiency with advanced thermal control.

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