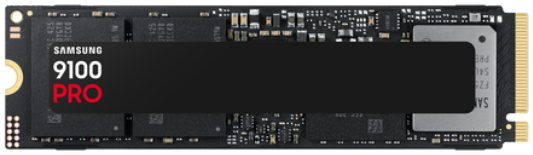
Samsung 9100 PRO PCIe® 5.0 NVMe™ M.2 SSD - 2 TB

Gamintojas: **SAMSUNG** · Modelis: **MZ-VAP2T0BW** · EAN: **8806095811710** · Prekės kodas: **379644**



491.90€

Kaina su PVM

Be PVM: **406.53€**

In Stock

Prekė internetu
Nuskenuokite kodą arba apsilankykite www.shopro.lt

Pagrindinės savybės

- ✓ Samsung NVMe SSD powered by V-NAND technology
- ✓ Up to 14,800 MB/s sequential read and 13,400 MB/s write speed
- ✓ Upto 2,200K IOPS random read and 2,600K IOPS random write speed















Aprašymas

Breakthrough PCIe® 5.0 performance

Push PCIe® 5.0 performance to the max. 9100 PRO 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.

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

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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.

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 PROs exhilarating random read/write speeds up to 2,200K/2,600K IOPS. Swift loads, smooth gameplay, seamless performance.

Exceptional performance at your fingertips

Elevate your competitive edge. Breeze through video editing, 3D art, and even long streaming sessions with the latest PCIe® 5.0 interfaces. Experience cutting-edge performance anytime, anywhere, on any device, and choose the storage you need with expansive capacity up to 8TB.

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.

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.

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.

Techninė specifikacija

Features	
SSD capacity	2 TB
SSD form factor	M.2
Interface	PCI Express 5.0

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NVMe	Yes
Memory type	V-NAND TLC
Component for	PC/Game console
Hardware encryption	Yes
NVMe version	2
Security algorithms	256-bit AES
M.2 SSD size	2280 (22 x 80 mm)
Read speed	14700 MB/s
Write speed	13400 MB/s
Random read (4KB)	1850000 IOPS
Random write (4KB)	2600000 IOPS
PCI Express interface data lanes	x4
DevSlp (device sleep) support	Yes
S.M.A.R.T. support	Yes
TRIM support	Yes
Mean time between failures (MTBF)	1500000 h

Power

Operating voltage	3.3 V
Power consumption (read)	8.1 W
Power consumption (write)	7.9 W
Average power consumption (read)	8.1 W
Average power consumption (write)	7.9 W
Power consumption (idle)	0.005 W
Power consumption DevSlp (device sleep)	4 mW

Weight & dimensions

Width	80.2 mm
Depth	2.38 mm
Height	80.2 mm
Weight	9 g

Packaging data

Package type	Box

Operational conditions

Operating temperature (T-T)	0 - 70 °C
Operating shock	1500 G

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Other features	
Warranty period	5 year(s)
Matmenys ir svoris	
Matmenys (I × P × A)	2.00cm × 15.00cm × 10.00cm

Gamintojo ir saugos informacija

MANUFACTURER

Samsung Electronics Co Ltd
Samsung-ro 129, 16677 Suwon-si, KR
samsung.com

EU RESPONSIBLE PERSON

Samsung Electronics Iberia, S.A
Avenida de Barajas 32, 28108 Alcobendas, ES
samsung.com

DISTRIBUTOR

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