

Samsung 990 EVO 2 TB M.2 PCI Express 4.0 NVMe V-NAND TLC

Gamintojas: **SAMSUNG** · Modelis: **MZ-V9E2T0BW** · EAN: **8806095300269** · Prekės kodas: **503787**



360,89 €

Kaina su PVM

Be PVM: 298,26 €

Sandėlyje



Prekė internetu

Nuskenaukite kodą arba apsilankykite www.shopro.lt

Pagrindinės savybės

- ✓ Supported by the latest PCIe® 4.0 x4 and PCIe® 5.0 x2 interfaces, offering flexibility for current and future computing.
- ✓ Sequential read speeds of up to 5,000MB/s for quick access to games and large files.
- ✓ Power efficient design puts less burden on your PC's battery life.
- ✓ Smart thermal solution provides consistent and reliable performance.
- ✓ Five year limited warranty.



Aprašymas

Smart thermal solution

The 990 EVO's heat spreader label helps to control the temperature of the NAND chip. Samsung's cutting-edge thermal control algorithm, paired with Dynamic Thermal Guard, ensures both consistent and reliable performance. Keep your performance red-hot, not your drive.

Versatile to suit your needs

Designed to meet the demands of gaming, business and creative work. Supported by the latest PCIe® 4.0 x4 and PCIe® 5.0 x2 interfaces, it offers flexibility for current computing and what's to come. Stay on top with this all-around player.

Samsung Magician software

Make your SSD works like magic. Samsung Magician software's optimisation tools ensure the best SSD performance. It's the 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.

Performance

Upgrade to faster sequential read speed up to 5,000 MB/s, reaching 43% faster than the previous model.

Power efficiency

70% enhanced power efficiency compared to the previous model, supporting Modern Standby and longer battery life.

Versatility

Elevate everyday performance in gaming, business, and creative work with PCIe® 4.0 x4 and PCIe® 5.0 x2 compatibility.

Techninė specifikacija

Specifications	
Sandėlio grupė	Komponenten & Zubehör > SSD [+1078][-1497]
Features	
SSD capacity	2 TB
SSD form factor	M.2
Interface	PCI Express 4.0
NVMe	Yes
Memory type	V-NAND TLC
Component for	PC
Hardware encryption	Yes
NVMe version	2
Security algorithms	256-bit AES
M.2 SSD size	2280 (22 x 80 mm)
Read speed	5000 MB/s
Write speed	4200 MB/s
Random read (4KB)	700000 IOPS
Random write (4KB)	800000 IOPS
PCI Express interface data lanes	x4
DevSlp (device sleep) support	Yes
PCI Express CEM revision	4
S.M.A.R.T. support	Yes
TRIM support	Yes
Mean time between failures (MTBF)	1500000 h

TBW rating	1200
Power	
Operating voltage	3.3 V
Power consumption (read)	5.5 W
Power consumption (write)	4.7 W
Power consumption (sleep)	0.005 W
Power consumption (idle)	0.06 W
Power consumption DevSlp (device sleep)	5 mW
Weight & dimensions	
Width	80 mm
Depth	2.38 mm
Height	22 mm
Weight	9 g
Packaging data	
Package type	Box
Operational conditions	
Operating temperature (T-T)	0 - 70 °C
Storage temperature (T-T)	-40 - 85 °C
Operating relative humidity (H-H)	5 - 95%
Storage relative humidity (H-H)	5 - 95%
Non-operating vibration	20 G
Operating shock	1500 G
Non-operating shock	1500 G
Other features	
Warranty period	5 year(s)
Matmenys ir svoris	
Matmenys (l × P × A)	2,00cm × 10,00cm × 14,00cm