

Samsung 980 500 GB M.2 PCI Express 3.0 NVMe V-NAND MLC

 Gamintojas: **SAMSUNG** · Modelis: **MZ-V8V500BW** · EAN: **8806090572227** · Prekės kodas: **704482**


259,90 €

Kaina su PVM

 Be PVM: **214,79 €**

Sandėlyje


Prekė internetu

 Nuskenaukite kodą arba apsilankykite www.shopro.lt

Pagrindinės savybės

- ✓ 500 GB M.2 PCI Express 3.0
- ✓ Skaitymo laikas: 3100 MB/s 400000 IOPS
- ✓ Rašymo laikas: 2600 MB/s 470000 IOPS
- ✓ V-NAND MLC NVMe 1.4
- ✓ Techninės įrangos šifravimas 256-bit AES
- ✓ S.M.A.R.T. palaikymas TRIM palaikymas
- ✓ Taikoma: PC



Aprašymas

Upgrade to breathtaking NVMe™ speed

It's time to maximise your PC's potential with the 980. Whether you need a boost for gaming or a seamless workflow for heavy graphics, the 980 is the smart choice for outstanding SSD performance and it's all backed by an NVMe™ interface and PCIe 3.0 technology.

Packed with speed

Get right to it. The 980 harnesses nearly all the speed advantages of PCIe 3.0 through HMB technology and dramatic NVMe efficiency. The DRAM-less design delivers exceptional value, achieving breakneck sequential read/write speeds up to 3,500/3,000 MB/s[1], over 6.2x the speed of SATA SSDs.

Keep moving with Full Power Mode

Keep your SSD running at peak level for nonstop, consistent high performance with Full Power Mode. Switch it on through Samsung Magician software to always keep your SSD in active mode. Instantly jump right back to intensive work with huge files, graphics-heavy games or even normal PC usage.

Built for the long run

Keep your files safe with an SSD that's in it for the long haul. With up to 600 TBW and a 5-year limited warranty, the 980's optimised endurance comes with proven reliability thanks to Samsung's in-house solutions, from the state-of-the-art controller to V-NAND and the latest firmware.

Reliable thermal control

High-performance SSDs usually require high-performance thermal control. To ensure stable performance, the 980 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 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's temperature at optimal levels.

Samsung Magician software

Unlock the full power of the 980 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-renowned DRAM and NAND, are produced in-house, allowing end-to-end integration for quality you can trust.

Techninė specifikacija

Savybės	
SSD disko talpa	500 GB
SSD formos koeficientas	M.2
Sąsaja	PCI Express 3.0
NVMe	Taip

Atminties tipas	V-NAND MLC
Taikoma	PC
Techninės įrangos šifravimas	Taip
„NVMe“ versija	1.4
Apsaugos algoritmų palaikymas	256-bit AES
M.2 SSD dydis	2280 (22 x 80 mm)
Skaitymo laikas	3100 MB/s
Rašymo laikas	2600 MB/s
Atsitiktinis skaitymas (4 KB)	400000 IOPS
Atsitiktinis rašymas (4 KB)	470000 IOPS
Kontrolės tipas	Samsung Pablo
PCI „Express“ sąsajos duomenų keliai	x4
DevSlp (prietaiso miego) palaikymas	Taip
S.M.A.R.T. palaikymas	Taip
TRIM palaikymas	Taip
Vidutinis laikas tarp trikčių (MTBF)	1500000 h
Energijos valdymas	
Darbinė įtampa	3,3 V
Galios suvartojimas (maks.)	5,9 W
Galios suvartojimas (vidutinė reikšmė)	4,3 W
Energijos suvartojimas (tuščiaja eiga)	0,045 W
Svoris ir matmenys	
Plotis	80,2 mm
Ilgis	22,1 mm
Aukštis	22,1 mm
Svoris	8 g
Aplinkos sąlygos	
Darbo temperatūros diapazonas (TT)	0 - 70 °C
Veiklos šokas	1500 G
Logistikos duomenys	
Darniosios sistemos (DS) kodas	84717070
Matmenys ir svoris	
Matmenys (I × P × A)	14,00cm × 10,00cm × 2,00cm
Svoris	0,10kg

Dokumentai ir vaizdo įrašai

> [Gaminio lankstinukas](#)

Gamintojo ir saugos informacija

GAMINTOJAS

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PLATINTOJAS

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