

Samsung 970 EVO Plus 1 TB M.2 PCI Express 3.0 NVMe V-NAND MLC

Gamintojas: **SAMSUNG** · Modelis: **MZ-VAP2T0BW** · EAN: **8801643628086** · Prekės kodas: **718315**



466,90 €

Kaina su PVM

Be PVM: **385,87 €**

Sandėlyje



Prekė internetu

Nuskenaukite kodą arba apsilankykite www.shopro.lt

Pagrindinės savybės

- ✓ Always Evolving SSD
- ✓ Level up Performance
- ✓ Design Flexibility



Aprašymas

Always Evolving SSD

The ultimate in performance, upgraded. Faster than the 970 EVO, the 970 EVO Plus is powered by the latest V-NAND technology and firmware optimisation. It maximises the potential of NVMe™ bandwidth for unbeatable computing in capacities up to 2TB, with reliability of up to 1,200 TBW.

Level Up Performance

The 970 EVO Plus reaches sequential read/write speeds up to 3,500/3,300 MB/s, up to 53%† faster than the 970 EVO. The latest V-NAND—which brings greater NAND performance and higher power efficiency—along with optimised firmware, a proven in-house controller and Intelligent TurboWrite boost.

Design Flexibility

The next advancement in NVMe SSD. The 970 EVO Plus fits up to 2TB onto the compact M.2 (2280) form factor, greatly expanding storage capacity and saving space for other components. Samsungs innovative technology empowers you with the capacity to do more and accomplish more.

Exceptional Endurance

The new standard in sustainable performance. Get up to 1,200 TBW with a 5-year limited warranty for lasting performance. The 970 EVO Plus provides exceptional endurance powered by the latest V-NAND technology and Samsungs quality.

Unparalleled Reliability

Achieve a new level of drive confidence. Samsungs advanced nickel-coated controller and heat spreader on the 970 EVO Plus enable superior heat dissipation. The Dynamic Thermal Guard automatically monitors and maintains optimal operating temperatures to minimise performance drops.

Samsung Magician

Advanced drive management made simple. The Samsung Magician software will help you keep an eye on your drive. A suite of user-friendly tools helps keep your drive up to date, monitor drive health, check speed and even boost performance.

Techninė specifikacija

Specifications	
Sandėlio grupė	2 TB [+13][-4]
Features	
SSD capacity	1 TB
SSD form factor	M.2
Interface	PCI Express 3.0
NVMe	Yes
Memory type	V-NAND MLC
Component for	PC
Hardware encryption	Yes
NVMe version	1.3
Security algorithms	256-bit AES
M.2 SSD size	2280 (22 x 80 mm)
Read speed	3500 MB/s
Write speed	3300 MB/s
Random read (4KB)	600000 IOPS
Random write (4KB)	550000 IOPS
Controller type	Samsung Phoenix
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 (max)	9 W
Power consumption (average)	6 W
Power consumption (idle)	0.03 W
Weight & dimensions	
Width	80.2 mm
Depth	2.38 mm
Height	22.1 mm
Weight	8 g
Packaging data	
Bundled software	Magician Software for SSD management
Package type	Box
Operational conditions	
Operating temperature (T-T)	0 - 70 °C
Operating shock	1500 G
Logistics data	
Harmonized System (HS) code	84717070
Other features	
Launch date	1/22/2019