

Goodram PX500 512 GB M.2 PCI Express 3.0 NVMe 3D NAND

Gamintojas: **GOODRAM** · Modelis: **SSDPR-PX500-512-80** · EAN: **5908267923269** · Prekės kodas: **767323**



194,89 €

Kaina su PVM

Be PVM: **161,07 €**

Sandėlyje



Prekė internetu

Nuskenaukite kodą arba apsilankykite www.shopro.lt

Pagrindinės savybės

- ✓ PCIe gen 3 x4 interface
- ✓ NVMe 1.3 support
- ✓ dissipating thermal pad



Aprašymas

By providing up to 4x better sequential and random transfer performance compared to SATA III Solid State Drives and lower latency than AHCI drives, GOODRAM PX500 pumps-up your PC. The performance will improve the work of more demanding customers, offering a reading of up to 2050MB/s. It is also perfect as a stand-alone drive, as well as an add-on to a hard disk in desktops and laptops. Available capacities for the PX500 make the drive work in both roles.

High performance

By creating a disk based on efficient memory in 3D TLC technology and the SMI 2263XT controller, we managed to achieve sequential transfer parameters of up to 2050 MB/s for reading and 1650 MB/s for write and 173 000 read operations and 143 000 write operations per second (IOPS).

New possibilities with NVMe

NVM Express communication protocol was designed from the ground up to achieve the potential of fast flash based storage media. By utilizing it in PX500 SSD, we were able to extract the maximum performance from its memory, controller and PCIe Gen 3 x4 interface. NVMe drastically reduces latency and queuing to bring much better responsiveness vs. AHCI-based SSD.

Heat under control

One of the problems that concerns M.2 SSD format is the thermal throttling – limitation of efficiency due to too high ambient temperature. To get it under control, PX500 have special coating consisting of copper and graphite. Thanks to this, we have obtained very good heat dissipation, without increasing the size of the disk.

Techninė specifikacija

Features	
SSD capacity	512 GB
SSD form factor	M.2
Interface	PCI Express 3.0
NVMe	Yes
Memory type	3D NAND
Component for	PC/Laptop
Read speed	2000 MB/s
Write speed	1600 MB/s
Random read (4KB)	173000 IOPS
Random write (4KB)	140000 IOPS
Controller type	SMI2263XT
PCI Express interface data lanes	x4
Mean time between failures (MTBF)	2000000 h
TBW rating	330
Weight & dimensions	
Width	80 mm
Depth	3.5 mm
Height	22 mm
Packaging data	
Package width	180 mm
Package depth	330 mm
Package height	70 mm
Package weight	27 g
Operational conditions	
Operating temperature (T-T)	0 - 70 °C

Storage temperature (T-T)	-45 - 85 °C
---------------------------	-------------

Logistics data

Harmonized System (HS) code	84717070
-----------------------------	----------

Products per master (outer) case	15 pc(s)
----------------------------------	----------

Dokumentai ir vaizdo įrašai

- › [Naudojimo instrukcija](#)
- › [Gaminio lankstinukas](#)

Gamintojo ir saugos informacija

GAMINTOJAS

Wilk Elektronik SA

Mikolowska 42, 34-173 Laziska Gorne, PL

goodram.com

PLATINTOJAS

MB KOMPIUTERIŲ GURU

V. Nagevičiaus g. 3, LT-08237 Vilnius

info@shopro.lt