

Goodram SSDPR-PX600-500-80 internal solid state drive 500 GB M.2 PCI Express 4.0 NVMe 3D NAND

Model: SSDPR-PX600-500-80

Manufacturer: GOODRAM

EAN: 5908267964088

Product Code: 419027

R2,766

The latest Goodram PX600 SSD is a solution for demanding users who are looking for reliable memory with fast data transfer. Thanks to the PCIe 4 x4 standard, the drive operates at speeds of up to 5000 MB/s. The parameters of the PX600 will be appreciated by computer graphic designers, gamers, people operating photo and video editing programs and also those working on large data sets.

This drive is also an ideal solution for users looking to improve the performance of their PC or laptop. The SSD’s blazing speed means smooth operation, system responsiveness, fast loading of games and applications, and comfortable task performance. The new drive offers up to 10x better sequential and random transfer performance compared to SSDs with older interfaces. The PX600 is

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available in a wide range of capacities (from 250 GB to as much as 2000 GB), allowing you to flexibly tailor it to your needs.

Reliable in every way

The use of Flash memory chips with 3D NAND technology, ensures high performance and reliability. This solution allows to increase the density of memory and optimize its consumption, which is important for the life of the drive. MTBF (Mean Time Between Failures) is 2 000 000 hours, which means that the drive will operate for a very long time without failure. The read speed is 5000 MB/s and write speed is 4200 MB/s, and this makes the PX600 one of the fastest SSDs available on the market.

High efficiency of NVMe

The NVMe communication protocol was designed from the ground up for the fastest 3D NAND Flash storage devices. The use of 3D NAND technology in the PX600 unleashes the potential of the memory, controller and fourth-generation interface. NVMe significantly reduces latency and queuing, making it incomparably faster than SSDs based on AHCI protocols.

One of the problems that affects M.2 NVMe drives is thermal throttling, i.e. a reduction in performance due to the excessive operating temperature of the components. The controller with

which the PX600 is equipped effectively manages voltages, which has a positive effect on temperature emissions and significantly limits its rise during use. This, in turn, translates into reliable operation even under heavy hardware load.

One drive – many applications

Goodram PX600 is available in several capacities: 250 GB, 500 GB, 1000 GB and 2000 GB, all in M.2 2280 format, with single-sided component placement. Like other SSDs from the Polish manufacturer, the PX600 comes with a 3-year warranty*.

In addition, the manufacturer provides full technical support in case of problems and ongoing firmware updates to the latest version.

Warranty with tech support

All Goodram brand drives undergo multi-stage quality testing at every level of production. Each one is fully tested after it leaves the production line. This ensures that

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the highest quality products reach our customers.

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