goodram

GOODRAM PX500

# Pump-up your workspace

NVMe PCIe Gen 3 x4 SSD

**2050MB/s**
MAX. BASELINE READ SPEED

PCIe GEN 3 x4 NVMe

3D NAND FLASH

THERMAL STICKER

3-YEAR WARRANTY

## PX500 NVMe PCIe Gen 3 x4 SSD

GOODRAM PX500 will pump-up your PC - the performance will improve the work of more demanding customers, offering a reading of up to 2050 MB/s. It is also perfect as a stand-alone drive, as well as an add-on to a hard disk in desktops and laptops.

CAPACITIES:

256 GB | 512 GB | 1 TB

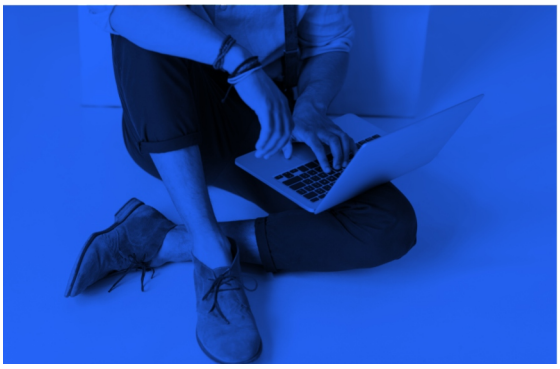
## HIGH PERFORMANCE

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).

SPEED OF OPERATIONS:

**2050 MB/s**
MAX. BASELINE READ SPEED

**1650 MB/s**
MAX. BASELINE WRITE SPEED



## NEW POSSIBILITIES WITH NVME

NVM Express communication protocol was designed from the ground up to achieve the potentialof fast flash based storage media. By utilizing it in PX500 SSD, we were able to extractthe 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.

PERFECT FOR:

PC | LAPTOP

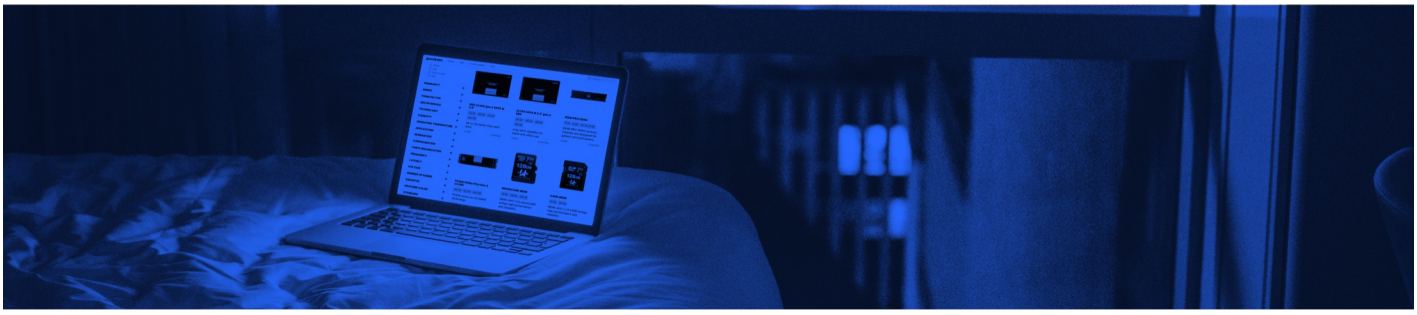
## HEAT UNDER CONTROL

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.

FEATURES:

THERMAL STICKER

## 3-YEAR WARRANTY & ENDURANCE

GOODRAM PX500 is available in 256, 512 GB and 1 TB capacities. All sizes are available in M.2 2280 format, with one-sided placement of elements. As the rest of Goodram SSD's, PX500 comes up with a 3-year warranty.

3 YEAR WARRANTY