

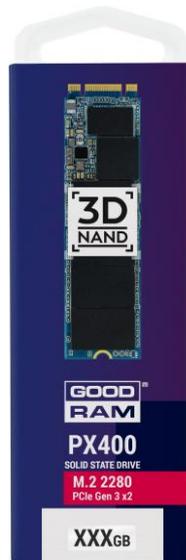
GOODRAM introduces new PCIe lineup for cost-sensitive applications

Polish brand introduces new PX product line, which includes PCIe-based SSD, targeting price parity with SATA drives.

Wilk Elektronik SA, European manufacturer of storage products and owner of GOODRAM and IRDM brands, expands its consumer SSD portfolio beyond SATA III products, by launching GOODRAM PX400 based on the PCIe 3.0 x2 interface.

GOODRAM PX400 is the first PCIe Gen 3 x2 M.2 SSD launched by the brand. Based on 3D NAND and Phison E8 controller, this SSD reaches transfer speeds of up to 1700 MB/s for read and 1050 MB/s while achieving up to 200 000 read IOPS and 190 000 write IOPS.

One of the challenges with designing M.2 SSD is how to limit the thermal throttling that reduces the performance of SSD. To solve this issue both NAND flash and controller were covered with thin film made out of copper and graphite. This solution not only provides proper heat dissipation but also enables this drive to be mounted in ultrabooks and other devices with space constraints.





Press release

Despite many new M.2 products for the last couple years, market lacked solutions which would help to bring a balanced product to the market – says Wiesław Wilk, CEO of Wilk Elektronik SA. On one hand we had SATA M.2 with huge performance bottleneck and AHCI interface, on the other – super fast PCIe Gen 3 x4 which lacked price competitiveness. PX400 is a great compromise by delivering the low NVMe latency, 3x performance upgrade over SATA III with similar price to average consumer 2.5” SSD.

GOODRAM PX400 is available in three capacities: 256 GB, 512 GB and 1 TB. In all cases PX400 is based on single-sided 2280 M.2 form factor. Like other GOODRAM consumer drives, PX400 is covered under 3-year manufacturer warranty with free technical support.