

GOODRAM PX400

Main features

- PCIe gen 3 x2 interface
- 30x faster than hard drive
- Heat-dissipating thermal pad
- 3-year warranty with free technical support



Performance

	256GB	512GB
Sequential read performance (max.) ¹	1550 MB/s	1600 MB/s
Sequential write performance (max.) ¹	850 MB/s	1000 MB/s
Random read performance (4k QD64) (max.) ²	170 000 IOPS	200 000 IOPS
Random write performance (4K QD64) (max.) ²	150 000 IOPS	160 000 IOPS

Physical Parameters

Capacities ³	256GB, 512GB
Dimensions	22 x 80 mm
Interface	M.2 PCIe NVMe gen 3 x2 (B+M)
NAND Flash	3D NAND Flash
Controller	Phison PS5008-E8

Reliability

Technologies	SmartECC™, SmartFlush™, Guaranteed Flush™, SmartZIP™
MTBF	1 500 000 hours
Temperature	Operating: 0 ~ 70°C; Storage: -45 ~ 85°C
Warranty	3 years with free technical support

Ordering information

Product	Capacity	Packaging	P/N	EAN
PX400 SSD	256 GB	Blister packaging; includes: SSD	SSDPR-PX400-256	TBA
	512 GB		SSDPR-PX400-512	TBA

¹ Based on tests performed in Crystal Disk Mark 3.0.3 on SSD in FOB (fresh-out-of-box) state. Actual results may vary depending on your system configuration or SSD wear.

² Based on tests performed in Iometer on SSD in FOB (fresh-out-of-box) state. Actual results may vary depending on your system configuration or SSD wear.

³ Storage capacity for GOODRAM SSD is provided in decimal values, i.e. 1GB = 1 000 000 000 bytes.