



## PX700 SOLID STATE DRIVE



- Extreme speed
- High durability
- Capacities up to 4 TB
- 3D NAND FLASH memory
- 5-year warranty limited by the TBW parameter <sup>4</sup> and free technical support

### PERFORMANCE

	512 GB	1 TB	2 TB	4 TB
INCOMPRESSIBLE DATA READ SPEED (MAX.) <sup>1</sup>	7 000 MB/s	7 400 MB/s	7 400 MB/s	7 400 MB/s
INCOMPRESSIBLE DATA WRITE SPEED (MAX.) <sup>1</sup>	4 200 MB/s	6 500 MB/s	6 500 MB/s	6 500 MB/s
RANDOM READ OPERATIONS PER SEC. (MAX.) <sup>2</sup>	840 000 IOPS	1 000 000 IOPS	1 000 000 IOPS	1 000 000 IOPS
RANDOM WRITE OPERATIONS PER SEC. (MAX.) <sup>2</sup>	820 000 IOPS	820 000 IOPS	820 000 IOPS	1 000 000 IOPS
TBW <sup>4</sup>	300 TB	600 TB	1 200 TB	2 400 TB

### PARAMETERS

CAPACITY	512 GB, 1 TB, 2 TB, 4 TB
DIMENSIONS	80 × 22 × 2,65 [mm]
INTERFACE	PCIe NVMe gen 4 x4
FORM FACTOR	M.2 2280 [M KEY]
NAND FLASH	3D NAND
MTBF	1 500 000 h
TEMPERATURE	- OPERATIONAL: 0°C ~ 70°C - STORAGE: -40°C ~ 85°C

### DETAILS

PRODUCT	MOQ	CAPACITY	P/N	EAN
GOODRAM PX700 SSD	10	512 GB	SSDPR-PX700-512-80	5908267965078
		1 TB	SSDPR-PX700-01T-80	5908267965047
		2 TB	SSDPR-PX700-02T-80	5908267965054
		4 TB	SSDPR-PX700-04T-80	5908267965061

LOGISTICS DATA  
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<sup>1</sup> Based on tests performed in Crystal Disk Mark 6.0.0 on SSD in FOB (fresh-out-of-box) state. Actual results may vary depending on your system configuration or SSD wear.

<sup>2</sup> 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.

<sup>3</sup> Storage capacity for GOODRAM SSD is provided in decimal values, i.e. 1GB = 1 000 000 000 bytes. Operating systems that use the binary conversion, i.e. 1GB = 1,073,741,824 bytes, may show lower storage capacity than provided in this specification. For more information about capacities visit [www.goodram.com](http://www.goodram.com)

<sup>4</sup> After exceeding the TBW or 5 years, the SSD is not covered by warranty.

• GOODRAM may make changes to specifications and product descriptions at any time, without notice.

• Product Sheet | GOODRAM PX700 | V.1.2 | © 2023 Wilk Elektronik S.A. - GOODRAM



## LOGISTICS DATA



PRODUCT	P/N	EAN	PRODUCT DIMENSIONS	PRODUCT WEIGHT	PACKAGING DIMENSIONS	COLLECTIVE PACKAGING DIMENSIONS	COLLECTIVE PACKAGING WEIGHT
GOODRAM PX700 SSD	SSDPR-PX700-512-80	5908267965078	80 × 22 × 2,65 [mm]	9 g	140 × 140 × 8 mm	143 × 145 × 85 mm	250 g
	SSDPR-PX700-01T-80	5908267965047		9 g			250 g
	SSDPR-PX700-02T-80	5908267965054		9 g			250 g
	SSDPR-PX700-04T-80	5908267965061		9 g			250 g

PRODUCT	P/N	EAN	DESCRIPTION
GOODRAM PX700 SSD	SSDPR-PX700-512-80	5908267965078	SSD GOODRAM PX700 M.2 PCIe 4 x4 512 GB
	SSDPR-PX700-01T-80	5908267965047	SSD GOODRAM PX700 M.2 PCIe 4 x4 1 TB
	SSDPR-PX700-02T-80	5908267965054	SSD GOODRAM PX700 M.2 PCIe 4 x4 2 TB
	SSDPR-PX700-04T-80	5908267965061	SSD GOODRAM PX700 M.2 PCIe 4 x4 4 TB