



PX500 gen. 3 SOLID STATE DRIVE

- Fast PCIe gen 3 x4 interface
- NVMe 1.4 support
- Capacity up to 2 TB
- 3 years of warranty limited by the TBW parameter ⁴ and free technical support



The actual appearance of the product, including the colour of the PCB and the distribution of components, may vary.

PERFORMANCE	256 GB	512 GB	1 TB	2 TB
INCOMPRESSIBLE DATA READ SPEED (MAX.) ¹	3200 MB/s	3200 MB/s	3300 MB/s	3500 MB/s
INCOMPRESSIBLE DATA WRITE SPEED (MAX.) ¹	1300 MB/s	2400 MB/s	2700 MB/s	2800 MB/s
RANDOM READ OPERATIONS PER SEC. (MAX.) ²	80 000 IOPS	110 000 IOPS	230 000 IOPS	340 000 IOPS
RANDOM WRITE OPERATIONS PER SEC. (MAX.) ²	250 000 IOPS	250 000 IOPS	300 000 IOPS	320 000 IOPS
TBW ⁴	150 TB	300 TB	600 TB	1024 TB

PARAMETERS

CAPACITIES	256 GB, 512 GB, 1 TB, 2 TB
DIMENSIONS	22 × 80 × 3,8 [mm]
INTERFACE	PCIe NVMe gen 3 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	PACKAGING	CAPACITY	P/N	EAN
GOODRAM PX500 gen. 3 SSD	10	256 GB	SSDPR-PX500-256-80-G3	5908267966242
		512 GB	SSDPR-PX500-512-80-G3	5908267966259
		1 TB	SSDPR-PX500-01T-80-G3	5908267966266
		2 TB	SSDPR-PX500-02T-80-G3	5908267966273

LOGISTICS DATA
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1 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.

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. Operating systems that use the binary conversion, ie. 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

4 After exceeding the TBW or 3 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 PX500 gen. 3 | V.1.6 | © 2025 Wilk Elektronik S.A. - GOODRAM



LOGISTICS DATA



PRODUCT	P/N	EAN CODE	MOQ	PRODUCT DIMENSIONS	PRODUCT WEIGHT	PACKAGING DIMENSIONS	PRODUCT WEIGHT IN BLISTER	COLLECTIVE PACKAGING DIMENSIONS	COLLECTIVE PACKAGING WEIGHT
SSD GOODRAM PX500 gen. 3	SSDPR-PX500-256-80-G3	5908267966242	10	80 x 22 x 3,8 mm	7 g	140 x 140 x 8 mm	22,5 g	143 x 145 x 85 mm	283 g
	SSDPR-PX500-512-80-G3	5908267966259	10	80 x 22 x 3,8 mm	7 g	140 x 140 x 8 mm	22,5 g	143 x 145 x 85 mm	283 g
	SSDPR-PX500-01T-80-G3	5908267966266	10	80 x 22 x 3,8 mm	7 g	140 x 140 x 8 mm	22,5 g	143 x 145 x 85 mm	283 g
	SSDPR-PX500-02T-80-G3	5908267966273	10	80 x 22 x 3,8 mm	7 g	140 x 140 x 8 mm	22,5 g	143 x 145 x 85 mm	283 g