goodram

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

PERFORMANCE

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

PARAMETERS

CAPACITIES	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	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
on the next page

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.
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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-PX500-512-80-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