



CORE
PURE GEN. 5 SPEED

- Latest PCIe 5.0 x4 interface
- Read speeds up to 10 300 MB/s
- Available in a wide range of capacities
- Low power consumption – ideal for laptops
- 5-year warranty limited by TBW with free technical support



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

PERFORMANCE	500 GB	1 TB	2 TB	4 TB
SEQUENTIAL DATA READ SPEED (MAX.) ¹	9 300 MB/s	10 200 MB/s	10 300 MB/s	9 200 MB/s
SEQUENTIAL DATA WRITE SPEED (MAX.) ¹	6 000 MB/s	8 400 MB/s	8 700 MB/s	8 100 MB/s
RANDOM READ OPERATIONS PER SEC. (MAX.) ²	650 000 IOPS	1 300 000 IOPS	1 300 000 IOPS	1 200 000 IOPS
RANDOM WRITE OPERATIONS PER SEC. (MAX.) ²	1 400 000 IOPS	1 500 000 IOPS	1 500 000 IOPS	1 400 000 IOPS
TBW ⁴	300 TB	600 TB	1 200 TB	2 400 TB

PARAMETERS

CAPACITIES	500GB, 1 TB, 2 TB, 4 TB
DIMENSIONS	22 x 80 x 2,26 [mm]
INTERFACE	PCIe NVMe gen. 5 x4
FORM FACTOR	M.2 2280 [M-KEY]
NAND FLASH	3D NAND
MTBF	1 500 000 h
TEMPERATURE	- OPERATING: 0°C ~ 70°C - STORAGE: -40°C ~ 85°C

DETAILS

PRODUCT	PACKAGING	CAPACITY	P/N	EAN
SSD GOODRAM CORE	SSD	500 GB	SSDR-GRC01-500-80	5908267913611
		1 TB	SSDR-GRC01-1K0-80	5908267913574
		2 TB	SSDR-GRC01-2K0-80	5908267913598
		4 TB	SSDR-GRC01-4K0-80	5908267913604

LOGISTICS DATA
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1 Based on tests performed in Crystal Disk Mark 8.0.0 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 SSD CORE | V.1.1 | © 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 CORE	SSDR-GRC01-500-80	5908267913611	10	80 x 22 x 2,26 mm	6 g	140 x 140 x 8 mm	20 g	143 x 145 x 85 mm	242 g
	SSDR-GRC01-1K0-80	5908267913574	10	80 x 22 x 2,26 mm	6 g	140 x 140 x 8 mm	20 g	143 x 145 x 85 mm	242 g
	SSDR-GRC01-2K0-80	5908267913598	10	80 x 22 x 2,26 mm	6 g	140 x 140 x 8 mm	20 g	143 x 145 x 85 mm	242 g
	SSDR-GRC01-4K0-80	5908267913604	10	80 x 22 x 2,26 mm	6 g	140 x 140 x 8 mm	20 g	143 x 145 x 85 mm	242 g