MR1023

MediaRange Internal M.2 2280 solid state drive, SATA 6 Gb/s, 512GB, black

MediaRange flash storage media are known for their extremely good quality and reliability. Our internal solid state drives are ideal to enhance the performance of hard-drive based client computers and laptops significantly. Latest NAND flash technology and reliable high-performance controllers, allows a much faster and more efficient workflow.

FEATURES

- Capacity: 512GB*
- Port: M.2
- Interface: SATA Rev. 3.1 (6Gb/s)
- Controller: SM2258 XT
- Flash technology: TLC Nand - Triple Level Cell
- Form factor: 2280
- Read speed: up to 535 MB/s*
- Write speed: up to 470 MB/s*
- Total Bytes Written (TBW): 200 TB
- Reliability (MTBF): 1.500.000 hours
- Packaging: single blister pack
- Color: black
- Latest NAND flash technology
- High-performance controller with excellent reliability
- Minimal power consumption
- Soundless operation
- Shock-resistant
- Supports LDPC, ECC (NANDXtend™), TRIM, NCQ, S.M.A.R.T.
- Dimensions (approx.): 80x × 2.5mm × 22mm
- Net weight (approx.): 8g
- 2-year limited warranty**

Notes:

This SSD is designed for use in regular client computers and/or laptops, and is not intended for server environments.

*1 GB = 1 billion bytes. Actual capacity of device is less. Device is using up to 10% of physical memory for formatting and other functions. Read- and write performance is depending on computer capabilities and file size and may vary from the stated values (e.g. a computer with HDD has a

limited performance which will lower the performance of this device significantly). Device must be connected to a SATA III 6 Gb/s host port for

optimal performance results. To improve products performance, the technical specifications of this device may be changed without prior notice.

** 2-year limited warranty or up to reaching the maximum TBW. See spec sheet.

APPLICATIONS

- Ideal performance upgrade for hard-drive based client computers and laptops
- Enhance the performance of client computers and laptops for a faster and more efficient workflow
- This SSD is designed for use in regular client computers and/or laptops, and is not intended for server
  environments.

User Manual | Warranty conditions | Operating- and safety instructions I Spec sheet:

Please download the user manual and warranty conditions for MediaRange internal M.2 2280 SATA solid state drives (Item no.: MR1021, MR1022 and MR1023) [here](#). The spec sheet can be downloaded here.

EAN Code Piece:4260664871576

EAN Code Carton:4260664871583