MR1021

MediaRange Internal M.2 2280 solid state drive, SATA 6 Gb/s, 128GB, black

MediaRange Flash Storage Solutions – Reliable data storage for everyday use

MediaRange flash storage solutions are designed for everyday performance and reliability—at home, in the office, or on the move. Whether you're transferring important documents, storing multimedia content, or backing up data, our flash storage devices deliver dependable speed and compatibility across a wide range of devices, and operating systems.

Available in various capacities and formats, MediaRange flash storage products offer the flexibility to match your specific needs. Compact, durable, and easy to use, they’re the ideal choice for managing your digital files quickly and securely.

Our internal M.2 Solid State Drives are the perfect solution for noticeably enhancing the

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performance of PCs and notebooks using traditional hard drives. With advanced NAND flash technology, a high-performance controller, and direct SATA connectivity (6 Gbit/s), our SSDs offer solid transfer speeds and quick access times for significantly reduced system startup and load times – while lowering power consumption and enabling silent operation.

Available in capacities from 128GB to 512GB, the slim M.2 2280 form factor allows for easy installation in space-constrained systems. TLC NAND flash technology provides a balanced mix of performance, endurance, and storage density – ideal for everyday office, multimedia, and internet applications. A cost-effective solution for users seeking reliable upgrades without switching to NVMe platforms.

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FEATURES

- Capacity (1): 128GB
- Form factor: M.2 2208
- Interface: SATA Rev. 3.1 (6 Gbit/s)
- Flash type: TLC NAND (Triple Level Cell)
- Controller: High-performance controller
- Speed (2) (Read-/Write): up to 480 / 400 MB/s
- Total Bytes Written (TBW) (3): 50?TB
- Reliability (MTBF) (4): 1,500,000 hours
- Power states supported: Slumber, Partial, DevSleep
- Supports LDPC, ECC (NANDXtend™), TRIM, NCQ, S.M.A.R.T.
- Operating temperature: 0°C to 70°C
- Storage temperature: -40°C to 85°C
- Shock resistance: 1500 G / 0.5 ms
- Vibration resistance: 20 G, 80–2000 Hz
- Energy-efficient, noiseless operation
- Shock-resistant
- Packaging: Single blister pack
- Dimensions (approx.): 80 x 22 x 2.5mm
- Net weight (approx.): 8g

APPLICATIONS

Applications

- Cost-effective performance upgrade for PCs and notebooks with SATA interface
- Ideal as a replacement for traditional hard drives to significantly improve boot, load, and access times
- Perfect for everyday office, multimedia, and internet applications
- Suitable for upgrading older laptops or desktops with existing SATA infrastructure

Operation, Storage and Warranty Conditions

- Designed for regular desktop and laptop use. Not intended for continuous use in server systems or data centers.

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- To avoid data loss or corruption, do not disconnect the device during read/write operations.
- Always back up important data.
- No liability is accepted for data loss, regardless of the cause.
- Keep out of reach of children and pets.
- Store the device in a cool, dry place, and avoid exposure to extreme temperatures and direct sunlight.
- Defective devices due to material or manufacturing faults will be replaced free of charge.
- The warranty covers 2 years or until reaching the maximum TBW (Total Bytes Written), whichever comes first. For details, refer to the product's technical datasheet.
- This warranty excludes damage caused by improper handling, misuse, accidents, or incorrect storage.

Additional Notes

- (1) 1 GB = 1 billion bytes. Actual storage capacity may be less due to formatting and file system requirements.
- (2) Performance may vary depending on host system, usage conditions, and file size. This SSD must be connected to a compatible SATA 6 Gbit/s port to achieve maximum performance.
- (3) TBW (Total Bytes Written) indicates the maximum amount of data that can be written to the drive over its lifetime while maintaining reliability.
- (4) MTBF (Mean Time Between Failures) represents the average time between potential failures under laboratory conditions.
- All products and illustrations mentioned are subject to change. The illustrations shown may differ from the actual product. Technical changes as well as errors and misprints are reserved.
- All technical specifications, including read/write speeds, TBW (Total Bytes Written), and MTBF (Mean Time Between Failures), are based on internal records and tests under controlled conditions. These values are provided for reference only and do not guarantee actual device performance or lifespan.

EAN Code Piece:4260664871538

EAN Code Carton:4260664871545

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