



**SSD MSI
1400xTBW
rating MTBF
1500000 h Read
speed 14500
MB/s Write
speed 11000
MB/s NVMe Yes
PCI Express 5.0
M.2 2000 GB
SPATIUM M571
DLP PCIe 5.0
NVMe M.2 S78-
440Q1K0-P83**

Model: S78-440Q1K0-P83

Manufacturer: MSI

EAN: 4711377420556

Product Code: 311223

R7,909

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CHARGING AHEAD WITH SPEED

From the MSI universe comes storage with blazing speeds and incredible performance. Take your system to the next level with SPATIUM.

PCIe 5.0 Performance

Up to 14,500 MB/s read and 11,000 MB/s write sequential speeds.

6nm Control

Built on TSMC's cutting-edge 6nm process for enhanced thermal stability and efficiency under heavy workloads.

MSI DLP Technology

(Data Loss Protection)

Safeguards critical data during unexpected power outages.

6nm Power, Cooler Performance

Unleash peak PCIe® 5.0 performance without the heat. Featuring an advanced 6nm controller design and refined thermal management, the SPATIUM M571 DLP delivers exceptional speed while consuming less power.

TAKING GIANT

LEAPS

The SPATIUM M571 DLP offers astonishing continuous read/write speeds of 14,500 MB/s and 11,000 MB/s, delivering immense performance that effortlessly handles even the most extreme gaming or productivity workflows.

PCIe 5.0

Get excited for next-generation storage performance that unites the latest PCIe Gen 5 controller technology and state-of-the-art 3D NAND flash, providing up to 2 times faster read/write speeds compared to the previous generation SSDs.

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FULLFILL UNLIMITED POTENTIAL

Built-in data security and error-correction capabilities extend the endurance and longevity of the NAND flash storage, empowering you to break records in games or take your talents to the next level.

Freeing Up Space

TRIM

To process unnecessary data efficiently and extend the life of SSD for more games or content creations.

Gaining Controls

S.M.A.R.T

To Monitor the health of the drive and identify possible issues, letting you be free from worry in games or at work.

Error Removal

ECC

To maintain your important records or files intact and ensure a nonstop gaming experience from system failure.

Steady Transfer

E2E DATA PROTECTION

To enable reliable data transfer and assist you to game and create in confidence with enhanced system stability.

Your Performance

Booster

BUILT TO WIN

With the gamers' first attitude, SPATIUM SSDs optimized for high-performance bandwidth and throughput enable you to wait less at loading games and play to win with minimal latency.

TAKE CARE OF YOUR DATA

Migrate your data, monitor drive health and performance metrics in real-time with MSI Center.

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Prevent loss of data using the provided Actiphy software solution which includes backup & restore functionality.

OPTIMAL M.2 SSD

Designed in the M.2 2280 form factor, SPATIUM SSDs are easy to install into desktops and notebooks, bringing fast performance and power efficiency to any computing system.

- MSI DLP technology safeguards critical data during unexpected power outages
- TSMC 6 nm process control
- PCIe Gen5x4 interface and complies with the NVMe 2.0 standard
- Sequential read speeds up to 14,500MB/s and Write speeds up to 11,000MB/s
- Up to 2800 TBW
- Built-in data security and error-correction capabilities
- 1TB to 4TB capacities in M.2 2280 form factor
- Suitable for both desktop and notebook

Summary: MSI SPATIUM M571 DLP PCIe 5.0 NVMe M.2 2TB. SSD capacity: 2 TB, SSD form factor: M.2, Read speed: 14500 MB/s, Write speed: 11000 MB/s, Component for: PC/Laptop | Vendor Homepage: <https://www.msi.com/Storage/SPATIUM-M571-DLP-PCIe-5.0-NVMe-M.2/Overview> | Component for: PC/Laptop | ECC: Yes | End-to-End Data Protection: Yes | Interface: PCI Express 5.0 | M.2 SSD size: 2280 (22 x 80 mm) | Mean time between failures (MTBF): 1500000 | Memory type: 3D NAND | NVMe: Yes | NVMe version: 2.0 | PCI Express interface data lanes: x4 | Random read (4KB): 2500000 | Random write (4KB): 2600000 | Read speed: 14500 | S.M.A.R.T. support: Yes | SSD capacity: 2000 | SSD form factor: M.2 | TBW rating: 1400 | TRIM support: Yes | Write speed: 11000 | Package type: Box | Operating temperature (T-T): 0 - 70 | Storage temperature (T-T): -40 - 85 | Warranty period: 5 | Additional model naming: SPATIUM M571 DLP PCIe 5.0 NVMe M.2 | Units per Pallet: 0 | Units per Shipping Box: 20 | Unit Calculated Volume: 0.0006242 | Unit Calculated Weight: 0.065

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