

SPECIFICATIONS

Ethereum Hash Rate	26 MH/s *Ethereum hash rate applies to the DAG and algorithm in use in Epoch 394 and is provided for reference clocks under room temperature conditions with good cooling.
型号名称	M450 NVMe M.2
Marketing Name	SPATIUM M370 NVMe M.2
Controller	PHISON E19T
Capacity	250GB/500GB/1TB
Flash Memory	3D NAND
DRAM Cache	1GB / 2GB DDR4
Form Factor	M.2 2280
Interface	PCIe Gen4x4, NVMe 1.4
Compatibility	PCIe Gen4/ Gen3 / Gen2 / Gen1
Dimensions	80.00mm (L) x 22.00mm (W) x 2.15mm (H)
Sequential Read up to (MB/s)	3500
Sequential Write up to (MB/s)	1200
Random Read 4KB up to (IOPS)	300,000
Random Write 4KB up to (IOPS)	300,000
Maximum Operating Power (W)	3.4
Idle Power PS3 (mW)	40
Low Power L1.2 (mW)	5
Operating Temperatures	0°C - 70°C
Storage Temperatures	-40°C - 85°C
Terabytes Written (TBW)	300
Mean Time Between Failure (MTBF)	Up to 1,500,000 Hours
Limited Warranty	5 Years, or the coverage for the maximum TBW as stated, whichever comes first.
Advanced Features	TRIM (Performance Optimization, OS support required) SMART (Self-Monitoring, Analysis and Reporting Technology) LDPC (Low Density Parity Check) ECC Algorithm End to End Data Path Protection APST (Autonomous Power State Transition) TCG Pyrite (Encryption, Data Security)

FEATURES



5 Years Warranty

MSI stands by the quality and reliability of their SSD's with a 5 year limited warranty.



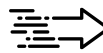
Security & Reliability

Built-in data security and error-correction capabilities extend the longevity of the NAND flash storage.



3D NAND Flash

3D NAND Flash technology brings dense storage in a compact design and allows storage capacities up to 2TB.



Blazing Speeds

Optimized for the PCIe Gen4 interface.



MSI Center

Migrate data with backup & restore functionality, monitor drive health and performance metrics in real-time in MSI Center.



Low Latency Gaming

Enjoy minimal latency in smooth gameplay and loading games with optimized high-performance bandwidth and throughput.



Nonstop Creativity Booster

Keep up nonstop productivity by opening up images, movies, documents, and heavy-duty applications at lightning speeds.



Optimal M.2 SSD

Designed in the M.2 2280 form factor, MSI SSDs are easy to install into external enclosures, desktops, or laptops.