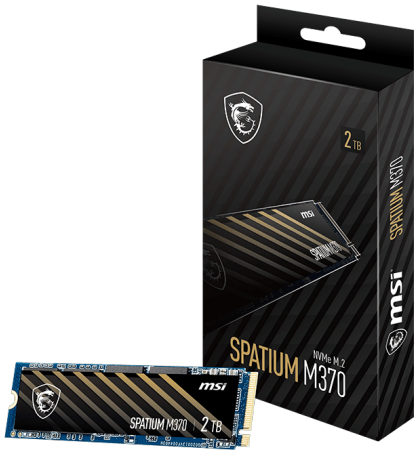
STORAGE

SPATIUM M370 NVMe M.2



FEATURES

Blazing Speeds

Optimized for the PCIe Gen3 interface.

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.

5 Years Warranty

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

MSI Center

Monitor SSD health status and key performance metrics in real time via MSI Center for stable and reliable system performance.

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

22 x 80

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

SPECIFICATIONS

Model Name	SPATIUM M370 NVMe M.2				
Capacity	128GB	256GB	512GB	1TB	2TB
Controller	PHISON E13T				
Flash Memory	3D NAND				
Form Factor	M.2 2280				
Interface	PCIe Gen3x4, NVMe 1.3				
Compatibility	PCIe Gen3 / Gen2 / Gen1				
Dimensions	80.00mm (L) x 22.00mm (W) x 2.15mm (H)				
Sequential Read up to (MB/s)	1800	2300	2400	2400	2400
Sequential Write up to (MB/s)	560	1100	1750	1750	1850
Random Read 4KB up to (IOPS)	102,000	150,000	210,000	215,000	220,000
Random Write 4KB up to (IOPS)	130,000	230,000	350,000	330,000	330,000
Maximum Operating Power (W)	2.3	3.4	3.5	3.6	3.7
Idle Power PS3 (mW)	30				
Low Power L1.2 (mW)	5				
Operating Temperatures	0°C – 70°C				
Storage Temperatures	-40°C – 85°C				
Terabytes Written (TBW)	75	200	400	800	1600
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) Pyrite (Encryption, Data Security)				