



msi® STORAGE

SPATIUM M370 NVMe M.2



SPECIFICATIONS

Model Name	SPATIUM M370 NVMe M.2			
Capacity	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)	2300	2400	2400	2400
Sequential Write up to (MB/s)	1100	1750	1750	1850
Random Read 4KB up to (IOPS)	150,000	210,000	215,000	220,000
Random Write 4KB up to (IOPS)	230,000	350,000	330,000	330,000
Maximum Operating Power (W)	3.4	3.5	3.6	3.7
Idle Power PS3 (mW)	20			
Low Power L1.2 (mW)	2			
Operating Temperatures	0°C - 70°C			
Storage Temperatures	-40°C - 85°C			
Terabytes Written (TBW)	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) AES256/TCG OPAL2.0/Pyrite (Encryption, Data Security)			

FEATURES



3D NAND Flash

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



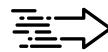
Security & Reliability

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



5 Years Warranty

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



Blazing Speeds

Optimized for the PCIe Gen3 interface.