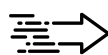


SPECIFICATIONS

Model Name	M390 NVMe M.2	
Capacity	500GB	1TB
Controller	PHISON E15T	
Flash Memory	3D NAND	
Form Factor	M.2 2280	
Interface	PCIe Gen3x4, NVMe 1.4	
Compatibility	PCIe Gen3 / Gen2 / Gen1	
Dimensions	80.00mm (L) x 22.00mm (W) x 2.15mm (H)	
Sequential Read up to (MB/s)	3300	
Sequential Write up to (MB/s)	2300	3000
Random Read 4KB up to (IOPS)	300K	420K
Random Write 4KB up to (IOPS)	550K	
Maximum Operating Power (W)	3.2	4
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)	200	400
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 Pyrite (Encryption, Data Security)	

FEATURES



Blazing Speeds

Optimized for the PCIe Gen3 interface.



3D NAND Flash

3D NAND Flash technology brings dense storage in a compact design and allows storage capacities up to 1TB.



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.