



STORAGE

SPATIUM M450 PCIe 4.0 NVMe M.2

SPATIUM M450 PCIE 4.0 NVME M.2 250GB

Specification

Model Name	SPATIUM M450 PCIe 4.0 NVMe M.2
Capacity	250GB
Controller	PHISON E19T
Flash Memory	3D NAND
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)	150000
Random Write 4KB up to (IOPS)	300000
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)	150
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)