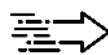




SPECIFICATIONS

Model Name	SPATIUM S270 SATA 2.5"			
Capacity	120GB	240GB	480GB	960GB
Controller	PHISON S11			
Flash Memory	3D NAND			
Form Factor	SATA 2.5"			
Interface	SATA III 6Gbps			
Compatibility	SATA III (6Gbps) / II (3Gbps) / I (1.5Gbps)			
Dimensions	100.20mm (L) x 69.85mm (W) x 7.00mm (H)			
Sequential Read up to (MB/s)	500			
Sequential Write up to (MB/s)	360	400	450	450
Random Read 4KB up to (IOPS)	38,000	50,000	55,000	55,000
Random Write 4KB up to (IOPS)	72,000	80,000	80,000	80,000
Maximum Operating Power (W)	1.8	1.7	2.0	2.1
Idle Power PS3 (mW)	325	325	335	330
Low Power L1.2 (mW)	4.9			
Operating Temperatures	0°C - 70°C			
Storage Temperatures	-40°C - 85°C			
Terabytes Written (TBW)	40	110	250	500
Mean Time Between Failure (MTBF)	Up to 2,000,000 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 Over-Provision			

FEATURES



Blazing Speeds

Optimized for the SATA III interface.



3D NAND Flash

3D NAND flash technology brings dense storage in a compact design and allows storage capacities up to 960GB.



Security & Reliability

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



MSI Center

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



5 Years Warranty

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