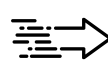




## FEATURES



### Blazing Speeds

Optimized for the PCIe Gen4 interface.



### PS5 Compatible Heatsink

Sleek dual finish aluminum heatsink designed to fit the PS5 ensures maximum performance across all platforms.



### 3D NAND

3D NAND flash technology brings dense storage in a compact design and allows storage capacities up to 4TB.



### Security & Reliability

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



### 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.



### MSI Center

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



### Optimal M.2 SSD

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



### 5 Years Warranty

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

## SPECIFICATIONS

<b>Model Name</b>	SPATIUM M480 PCIe 4.0 NVMe M.2 PLAY			
<b>Capacity</b>	500GB	1TB	2TB	4TB
<b>Controller</b>	PHISON E18			
<b>Flash Memory</b>	3D NAND			
<b>DRAM Cache</b>	512MB DDR4	1GB DDR4	2GB DDR4	2GB DDR4
<b>Form Factor</b>	M.2 2280			
<b>Interface</b>	PCIe Gen4x4, NVMe 1.4			
<b>Compatibility</b>	PCIe Gen4 / Gen3 / Gen2 / Gen1			
<b>Dimensions</b>	80.40mm (L) x 24.00mm (W) x 10.70mm (H), PS5 Compatible			
<b>Sequential Read up to (MB/s)</b>	6500	7000	7000	7000
<b>Sequential Write up to (MB/s)</b>	2850	5500	6800	6800
<b>Random Read 4KB up to (IOPS)</b>	170,000	350,000	650,000	650,000
<b>Random Write 4KB up to (IOPS)</b>	600,000	700,000	700,000	700,000
<b>Maximum Operating Power (W)</b>	6.0	6.6	8.2	9.7
<b>Idle Power PS3 (mW)</b>	10	14	22	50
<b>Low Power L1.2 (mW)</b>	3			
<b>Operating Temperatures</b>	0°C - 70°C			
<b>Storage Temperatures</b>	-40°C - 85°C			
<b>Terabytes Written (TBW)</b>	350	700	1400	3000
<b>Mean Time Between Failure (MTBF)</b>	Up to 1,600,000 Hours			
<b>Limited Warranty</b>	5 Years, or the coverage for the maximum TBW as stated, whichever comes first.			
<b>Advanced Features</b>	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/Pyrite (Encryption, Data Security)			