



## FEATURES

### 240Hz High Refresh Rate

**240Hz**

Experience smooth gaming with a blazing-fast refresh rate, providing you with the upper hand in fast-moving games.

### 240Hz High Refresh Rate

**240Hz**

Experience smooth gaming with a blazing-fast refresh rate, providing you with the upper hand in fast-moving games.

### 240Hz High Refresh Rate

**240Hz**

Experience smooth gaming with a blazing-fast refresh rate, providing you with the upper hand in fast-moving games.

### 240Hz High Refresh Rate

**240Hz**

Experience smooth gaming with a blazing-fast refresh rate, providing you with the upper hand in fast-moving games.

## SPECIFICATIONS

Model Name	SPATIUM M560 PCIe 5.0 NVMe M.2	
Capacity	1TB	2TB
Controller	PHISON E31T	
Flash Memory	3D NAND	
Form Factor	M.2 2280	
Interface	PCIe Gen5x4, NVMe 2.0	
Compatibility	PCIe Gen5 / PCIe Gen4 / Gen3 / Gen2 / Gen1	
Dimensions	80.00mm (L) x 22.00mm (W) x 2.15mm (H)	
Sequential Read up to (MB/s)	10,200	10,300
Sequential Write up to (MB/s)	8,400	8,700
Random Read 4KB up to (IOPS)	1,300,000	
Random Write 4KB up to (IOPS)	1,400,000	
Maximum Operating Power (W)	5.9	
Idle Power PS3 (mW)	50	
Low Power L1.2 (mW)	3.5	
Operating Temperatures	0°C - 70°C	
Storage Temperatures	40°C - 85°C	
Terabytes Written (TBW)	600	1200
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)	

## TEST CONFIGURATION

Sequential and random performance, and power consumption were measured with the system configurations listed below. All performance data was tested with the SSD as a secondary drive.

Interface	PCIe GEN5X4
Operating System	Windows 11 Pro 23H2
CPU	AMD Ryzen 9 7950X 16-Core @4.50 GHz
Memory	Kingston DDR5-4800 16G x2
Chipset	MSI MPG X670E CARBON WIFI
Test Program	Crystal Diskmark 8.0.4, ATTO Disk Benchmark V4.01.0f1, IO Meter v1.1.0