НАКОПИТЕЛИ

SPATIUM M452 PCIe 4.0 NVMe M.2



SPECIFICATIONS

Model Name	SPATIUM M452 PCIe 4.0 NVMe M.2	
Capacity	500GB	1TB
Controller	PHISON E29T	
Flash Memory	3D NAND	
Form Factor	M.2 2280	
Interface	PCIe Gen4 x4, NVMe 1.4 (2CH)	
Compatibility	PCIe Gen4 / Gen3 / Gen2 / Gen1	
Dimensions	80.00mm (L) x 22.00mm (W) x 2.15mm (H)	
Sequential Read up to (MB/s)	3600	
Sequential Write up to (MB/s)	3100	
Random Read 4KB up to (IOPS)	470,000	500,000
Random Write 4KB up to (IOPS)	750,000	
Idle Power PS3 (mW)	50	
Low Power L1.2 (mW)	5	
Operating Temperatures	0°C – 70°C	
Storage Temperatures	-40°C – 85°C	
Terabytes Written (TBW)	150	300
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) Pyrite (Encryption, Data Security)	

FEATURES

Blazing Speeds

Optimized for the PCIe Gen4 interface.

3D NAND Flash

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

Безопасность и надёжность

Встроенные средства защиты данных и коррекции ошибок продлевают срок службы NAND-флеш-памяти.

Низкая задержка в играх

Минимальная задержка, плавный геймплей и быстрая загрузка благодаря высокой пропускной способности.

Nonstop Creativity Booster

Keep up nonstop productivity by opening up images, movies, documents, and heavy-duty applications at lightning speeds.

MSI Center

Отслеживайте состояние и ключевые показатели производительности SSD в реальном времени через MSI Center — для стабильной и надёжной работы системы.

Optimal M.2 SSD

22 x 80

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

5 лет гарантии

WARRANTY 5 YEARS

MSI уверена в качестве и надёжности своих SSD, предоставляя ограниченную гарантию сроком на 5 лет.

Generated check for the latest version www.msi.com/datasheet. The information provided in this document is intended for informational purposes only and is subject to change without notice.

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