Informacije o proizvodu (EN)
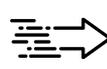
MSI SSD 1TB SPATIUM M450 PCIe 4.0

Tehnoteka je online destinacija za upoređivanje cena i karakteristika bele tehnike, potrošačke elektronike i IT uređaja kod trgovinskih lanaca i internet prodavnica u Srbiji. Naša stranica vam omogućava da istražite najnovije informacije, detaljne karakteristike i konkurentne cene proizvoda.

Posetite nas i uživajte u ekskluzivnom iskustvu pametne kupovine klikom na link:

https://tehnoteka.rs/p/msi-ssd-1tb-spatium-m450-pcie-40-akcija-cena/

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 2TB.

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

22 x 80

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

Model Name	SPATIUM M450 PCIe 4.0 NVMe M.2			
Capacity	250GB	500GB	1TB	2TB
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	3600	3600	3300
Sequential Write up to (MB/s)	1200	2300	3000	3000
Random Read 4KB up to (IOPS)	150,000	300,000	420,000	380,000
Random Write 4KB up to (IOPS)	300,000	550,000	550,000	540,000
Maximum Operating Power (W)	3.4	3.4	4.0	4.5
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	300	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) Pyrite (Encryption, Data Security)			

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 Gen4x4
Operating System	Windows 11 Pro 21H2 OS Build 22000.258
CPU	11th Gen Intel Core i7-11700KF @3.6GHz
Memory	Crucial DDR4-2400 8G x2
Chipset	MSI MPG Z590 GAMING CARBON WIFI
Test Program	Crystal Diskmark 8.01, ATTO Disk Benchmark V4.01.0f1, IO Meter v1.1.0

tehnot≡ka

Ovaj dokument je originalno proizveden i objavljen od strane proizvođača, brenda MSI, i preuzet je sa njihove zvanične stranice. S obzirom na ovu činjenicu, Tehnoteka ističe da ne preuzima odgovornost za tačnost, celovitost ili pouzdanost informacija, podataka, mišljenja, saveta ili izjava sadržanih u ovom dokumentu.

Napominjemo da Tehnoteka nema ovlašćenje da izvrši bilo kakve izmene ili dopune na ovom dokumentu, stoga nismo odgovorni za eventualne greške, propuste ili netačnosti koje se mogu naći unutar njega. Tehnoteka ne odgovara za štetu nanesenu korisnicima pri upotrebi netačnih podataka. Ukoliko imate dodatna pitanja o proizvodu, ljubazno vas molimo da kontaktirate direktno proizvođača kako biste dobili sve detaljne informacije.

Za najnovije informacije o ceni, dostupnim akcijama i tehničkim karakteristikama proizvoda koji se pominje u ovom dokumentu, molimo posetite našu stranicu klikom na sledeći link:

https://tehnoteka.rs/p/msi-ssd-1tb-spatium-m450-pcie-40-akcija-cena/