

mushkin
SOURCE 2

2TB

WARRANTY VOID IF ANY LABEL REMOVED



LIVE EVERY DAY AT THE NEXT LEVEL

Designed to bring you the perfect balance of reliability, versatility, and performance, the SOURCE 2 offers more than high marks – it offers affordable performance you can feel.

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SOURCE 2

Featuring Silicon Motions SM2259 controller and 96-layer 3D TLC NAND memory, the Source 2 holds nothing back. Offering improved endurance, reliability and superior performance for high-end computing applications like gaming, HD media playback, or creative software.



MUSHKIN ENHANCED DATA-PROTECTION SUITE (M.E.D.S)

- Built-in LDPC ECC provides the most vigorous data correction level available
- Data shaping enhances endurance
- End-to-end data path protection
- Internal flash RAID provides additional error correction capability
- StaticDataRefresh bolsters data integrity
- Global wear-leveling provides increased endurance
- Verified for compatibility with a wide range of desktop and laptop computers

INNOVATION AT ITS CORE

Possibilities. At Mushkin, we asked what if? and started manufacturing the answer. Our engineers have developed everything from industry leading gaming memory to some of the most impressive storage technologies available today. See for yourself - explore what's possible with Mushkin.



LIVE TO THE LIMITS

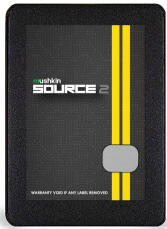
When competition is a way of life, second best is not an option. The New Source 2 Series SSDs make an impact every time, and anywhere. Designed by PC Hardware enthusiast, built for everyone.



www.mushkin.com

Mushkin Enhanced MFG | 828 New Meister Lane, Suite 300, Pflugerville, TX 78660

Product	MKNSSDS2240GB	MKNSSDS2250GB	MKNSSDS2480GB	MKNSSDS2500GB	MKNSSDS2960GB	MKNSSDS21TB	MKNSSDS22TB-DX
Capacity	240GB	250GB	480GB	500GB	960GB	1TB	2TB
NAND	3D TLC NAND						
Controller	Silicon Motion SM2259						
Firmware	User upgradeable						
Interface	SATA III / 6Gbps (backwards compatible with SATA II / 3Gbps)						
Monitoring	S.M.A.R.T, SLC caching, DEVSLP, secure erase, TRIM, user-upgradeable firmware						
Certifications	FCC, CE, RoHS	FCC, CE, RoHS	FCC, CE, RoHS	FCC, CE, RoHS	FCC, CE, RoHS	FCC, CE, RoHS	FCC, CE, RoHS
Sequential Read	560MB/s	560MB/s	560MB/s	560MB/s	560MB/s	560MB/s	560MB/s
Sequential Write	510MB/s	510MB/s	510MB/s	510MB/s	515MB/s	515MB/s	515MB/s
Random 4K Read	Up to 60,000 IOPS	Up to 60,000 IOPS	Up to 75,000 IOPS	Up to 75,000 IOPS	Up to 75,000 IOPS	Up to 75,000 IOPS	Up to 96,000 IOPS
Random 4K Write	Up to 75,000 IOPS	Up to 75,000 IOPS	Up to 75,000 IOPS	Up to 75,000 IOPS	Up to 75,000 IOPS	Up to 75,000 IOPS	Up to 81,000 IOPS
Power Consumption	Up to 0.08W (Idle) 2W(Active)	Up to 0.08W (Idle) 2W(Active)	Up to 0.08W (Idle) 2W(Active)	Up to 0.08W (Idle) 2W(Active)	Up to 0.08W (Idle) 2W(Active)	Up to 0.08W (Idle) 2W(Active)	Up to 0.08W (Idle) 3W(Active)
Power Supply	5V DC	5V DC	5V DC	5V DC	5V DC	5V DC	5V DC
Form Factor	2.5"						
Dimensions (L x W x H)	100.5 x 69.85 x 7 mm						
Weight	70g						
Operating Temperature	0°C to 70°C						
Non-Operating Temp.	-40°C-85°C						
MTBF	1.5 million hours						
TBW	175	150	350	300	700	600	700
Shock Resistant	Up to 1500g/0.5ms						
Data Correction	Built-in LDPC ECC Strong error correction function avoids errors, promotes stability, and promotes endurance						
Warranty	3-year limited warranty						



Mechanical Drawings

