



Lexar® SL500 Portable SSD with Magnetic Set

June 2024

Launch Communication

Lexar™

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Positioning

SL500 Portable SSD with Magnetic Set Lexar™

High performance

Mainstream

Entry level

Rugged



ARMOR 700
USB 3.2 Gen 2x2
R/W up to 2000/2000MB/s
1TB-4TB



Superior Speed



IP66 Water and Dust Resistance
3-meter Drop Resistance

Creators,
Photographers,
and other
Professionals



SL600
USB 3.2 Gen 2x2
R/W up to 2000/2000MB/s
512GB-2TB



Superior Speed



Sleek and Slim



SL500
USB 3.2 Gen 2x2
R/W up to 2000/1800MB/s
512GB-4TB



Superior Speed



Sleek and Slim

IP54 Water and Dust Resistance
2-meter Drop Resistance



SL500 with Magnetic Set
USB 3.2 Gen 2x2
R/W up to 2000/1800MB/s
1TB-4TB



Superior Speed



Magnetic

IP54 Water and Dust Resistance
2-meter Drop Resistance

Everyday
Users



SL200
USB 3.1
R/W up to 550/400MB/s
512GB-2TB

Target Market

SL500 Portable SSD with Magnetic Set Lexar™



Designed for on-the-go users, the drive is portable and can be magnetically attached to your device. It is specifically designed for those who want to shoot directly to the drive in up to 4K 60FPS with iPhone 15 Pro and iPhone 15 Pro Max.

Easily Attach, Capture, and Transfer

- MagSafe-compatible to attach to your laptop case or to your iPhone to capture ProRes video³
- Incredible USB 3.2 Gen 2x2 performance of up to 2000MB/s read and 1800MB/s write¹ to transfer files fast for more efficient work (Performance on Mac and other systems not supporting USB 3.2 Gen 2x2 may be lower)
- Supports Apple ProRes and Samsung Pro Video recording – shoot directly to the drive in up to 4K 60FPS/120FPS with iPhone 15 Pro/Pro Max (or above) or up to 8K 30FPS with Samsung S25 (or above)
- Thin, stylish, and durable metal design; this metal product is drop-resistant up to 2 meters⁴
- Wide compatibility with mobile devices, iPhone 15 series, laptops, cameras, as well as Xbox X|S, PS4, PS5, and more
- Unique Thermal Control Design ensures optimal temperatures even at top speeds, so high performance is always retained.
- Includes Lexar® DataShield™ 256-bit AES encryption software to protect files²

¹Up to 2000MB/s read and 1800MB/s write speeds. Speeds based on internal testing on device that supports USB 3.2 Gen 2x2; performance may be lower depending on host device, interface, usage conditions, and other factors. 1MB = 1,000,000 bytes.

²Security safeguards, by their nature, are capable of circumvention. Lexar does not guarantee data will be 100% secure from unauthorized access, alteration, or destruction.

³iPhone 12 and above models feature MagSafe functionality, and only iPhone 15 Pro/iPhone Pro Max or above models support external recording of ProRes format videos.

⁴2-meter anti-drop based on internal testing conducted under controlled conditions. Actual drop resistance capabilities may vary



4TB

2TB

1TB

up to 2000MB/s read
up to 1800MB/s write¹

USB 3.2
Gen 2x2

Magnetic Set: 3-year limited
Portable SSD: 5-year limited



Easily Attach, Capture, and Transfer

The Lexar® SL500 Portable SSD with Magnetic Set delivers exceptional 2000MB/s read and 1800MB/s write¹ to store and transfer large files fast. It features a super-slim, solid aluminum unibody construction that easily fits in the palm of your hand and can magnetically attach to your device. It also comes with Lexar DataShield™ 256-bit AES encryption software to keep your files secure² and is compatible with most computers, cameras, and gaming devices

¹Up to 2000MB/s read and 1800MB/s write speeds. Speeds based on internal testing on device that supports USB 3.2 Gen 2x2; performance may be lower depending on host device, interface, usage conditions, and other factors. 1MB = 1,000,000 bytes.

²Security safeguards, by their nature, are capable of circumvention. Lexar does not guarantee data will be 100% secure from unauthorized access, alteration, or destruction.

Attach and Go!

The Lexar® SL500 Portable SSD with Magnetic Set includes a magnetized, protective sleeve, an additional magnetic ring to use with a laptop cover or other device, and a wrist strap. This convenient magnetic set lets you easily and neatly attach the drive to your device.



Exceptional USB 3.2 Gen 2x2 Performance

Blazing-fast speeds of up to 2000MB/s read and 1800MB/s write¹ accelerate data transfers for more efficient work (Performance on Mac and other systems not supporting USB 3.2 Gen 2x2 may be lower).

¹Up to 2000MB/s read and 1800MB/s write speeds. Speeds based on internal testing on device that supports USB 3.2 Gen 2x2; performance may be lower depending on host device, interface, usage conditions, and other factors. 1MB = 1,000,000 bytes.



iPhone Friendly

The Lexar® SL500 Portable SSD supports Apple ProRes and Samsung Pro Video recording – shoot directly to the drive in up to 4K 60FPS/120FPS with iPhone 15 Pro/Pro Max (or above) or up to 8K 30FPS with Samsung S25 (or above)

Compact and Lightweight

The Lexar® SL500 Portable SSD roughly the size of a credit card at 4.8mm thick, the slim, solid aluminum unibody construction fits comfortably in the palm of your hand or pocket.



Plays Nicely with all Your Devices

The Lexar® SL500 Portable SSD with Magnetic Set is compatible with PC, Mac, Android devices, iPhone 15 series, gaming consoles, cameras, and more.



Keep Your Files Secure

Includes Lexar DataShield™, with 256-bit AES encryption, to help keep your sensitive files secure³

³Security safeguards, by their nature, are capable of circumvention. Lexar does not guarantee data will be 100% secure from unauthorized access, alteration, or destruction.

Specifications

SL500 Portable SSD with Magnetic Set

Lexar™

Product	Lexar® SL500 Portable SSD with Magnetic Set
Capacity	1TB, 2TB, 4TB
Interface	USB 3.2 Gen 2x2
Speed	Up to 2000MB/s read, up to 1800MB/s write ¹
Systems Supported	Mac® OSX 10.6+, Windows® 11/10/7/8, Android 4.4, standard USB Type-C connector, iPhone 15/16 series or above
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Dimension (L x W x H)	Magnetic Set: 89.5mm x 59mm x 13.6mm/3.5" X 2.3" X 0.5" Portable SSD: 85mm x 54mm x 7.8mm (The thinnest part is 4.8mm) 3.3" X 2.1" X 0.3" (The thinnest part is 0.19 inches)
Weight	Magnetic Set: 95g Portable SSD: 43g

¹Up to 2000MB/s read and 1800MB/s write speeds. Speeds based on internal testing on device that supports USB 3.2 Gen 2x2; performance may be lower depending on host device, interface, usage conditions, and other factors. 1MB = 1,000,000 bytes.



Global Version

Benchmark Info

SL500 Portable SSD with Magnetic Set Lexar™

CPU: 24-Core AMD Ryzen Threadripper 3960X, 4350 MHz (43.5 x 100)

BIOS: AMI UEFI

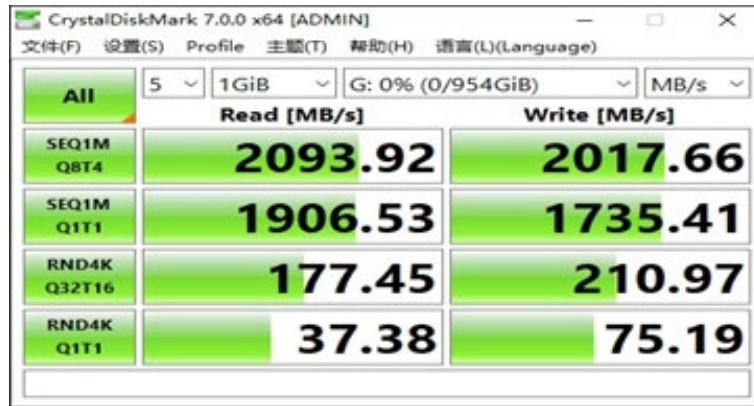
Motherboard: MSI TRX40 Pro WiFi (MS-7C60)

OS: Microsoft Windows 10 Pro

Interface: USB3.2 Gen2*2

RAM: 16GB

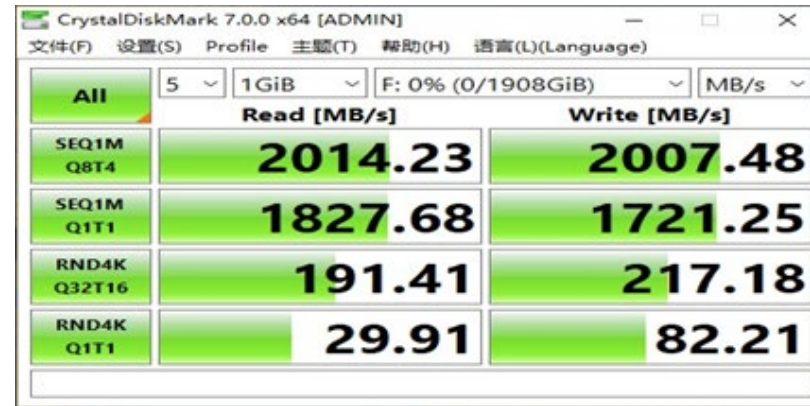
Mode: AHCI



CrystalDiskMark 7.0.0 x64 [ADMIN] window showing benchmark results for a 1TB drive (G: 0% (0/954GiB)). The interface includes a menu bar (文件(F), 设置(S), Profile, 主题(T), 帮助(H), 语言(L)(Language)) and a toolbar with settings (5, 1GiB, MB/s). The results are displayed in a table with columns for Read [MB/s] and Write [MB/s].

	Read [MB/s]	Write [MB/s]
SEQ1M Q8T4	2093.92	2017.66
SEQ1M Q1T1	1906.53	1735.41
RND4K Q32T16	177.45	210.97
RND4K Q1T1	37.38	75.19

1TB



CrystalDiskMark 7.0.0 x64 [ADMIN] window showing benchmark results for a 2TB drive (F: 0% (0/1908GiB)). The interface includes a menu bar (文件(F), 设置(S), Profile, 主题(T), 帮助(H), 语言(L)(Language)) and a toolbar with settings (5, 1GiB, MB/s). The results are displayed in a table with columns for Read [MB/s] and Write [MB/s].

	Read [MB/s]	Write [MB/s]
SEQ1M Q8T4	2014.23	2007.48
SEQ1M Q1T1	1827.68	1721.25
RND4K Q32T16	191.41	217.18
RND4K Q1T1	29.91	82.21

2TB

Set-Up Information SKU/UPC

SL500 Portable SSD with Magnetic SetLexar™

Region	Oracle Item Number	Lexar Retail Sku	Material Description	Capacity	Lexar Single UPC/EAN Code	Master Carton UPC/EAN Code	Master Carton Qty
Global	ZJPL023C0278	LSL500M001T-RNBNG	Lexar SL500 Portable SSD 1TB with Magnetic Set, GL	1TB	843367134595	10843367134592	10
Global	ZJPL023C0279	LSL500M002T-RNBNG	Lexar SL500 Portable SSD 2TB with Magnetic Set, GL	2TB	843367134632	10843367134639	10
Globa	ZJPL023C0280	LSL500M004T-RNBNG	Lexar SL500 Portable SSD 4TB with Magnetic Set, GL	4TB	843367134663	10843367134660	10

SL500 Portable SSD



SL500 Portable SSD with Magnetic Set





THANK YOU