



Product Highlights:

- High-speed PCIe Gen3x4 interface: 3500MB/s read and 2000MB/s write¹ - NVMe
- M.2 2280 form factor
- Get 6.5x the speed of a SATA-based SSD³
- Ideal for power users
- 3D NAND
- Features LDPC (Low-Density Parity Check)
- Shock and vibration resistant with no moving parts²
- Five-year limited warranty

Capacities:

256GB
(up to 3500MB/s read, 1200MB/s write¹)

512GB
(up to 3500MB/s read, 2000MB/s write¹)

1TB
(up to 3500MB/s read, 2000MB/s write¹)



Elevate your game with blazing performance

Get the most out of your PC's performance with quicker load times and transfer speeds so you can breeze through your day. The Lexar Professional NM700 M.2 2280 PCIe Gen3x4 NVMe SSD will put you in the driver's seat with speeds of up to 3500MB/s read and 2000MB/s write¹. The NM700 is supported by PCIe Gen3x4 NVMe and built with 3D NAND flash for higher capacity and more efficiency without unnecessary slowdowns. With outstanding endurance thanks to no moving parts it's cooler, quieter, and more reliable than a traditional hard disk drive, plus it's also shock and vibration resistant².

PCIe Gen3x4 NVMe—The upgrade that puts in 6.5x the work³. Move beyond the pace of SATA SSD's with an upgrade to the Lexar Professional NM700 and get 6.5x the speed of SATA-based SSD³. With the PCIe Gen3x4 NVMe, and speeds of up to 3500MB/s read and 2000MB/s write, you will experience improved performance from boot ups to shut downs giving you maximum efficiency without constant slowdowns. The NM700 is built with 3D NAND flash inside.

Ideal for power users. With sequential read speeds of up to 3500MB/s and sequential write speeds of up to 2000MB/s¹, you'll enjoy blazing fast performance for your PC. That's faster boot-ups, data transfers and application load times compared to a SATA SSD³.

Features LDPC Technology for errors. Low-Density Parity Check (LDPC) error code correction technology makes data transfers more reliable than ever by fixing data errors before they have a chance to slow you down.

Built to last. Unlike traditional hard disk drives, the Professional NM700 SSD has no moving parts, so it's less likely to fail. On top of that, it's also shock and vibration resistant², making it one robust and reliable SSD.

Efficient. Reduced power consumption and cooler operation makes the battery life last longer than a traditional hard drive.

Rigorously tested. All Lexar product designs undergo extensive testing in the Lexar Quality Labs, facilities with more than 1,100 digital devices, to ensure performance, quality, compatibility, and reliability.

For more than 20 years, Lexar has been trusted as a leading global brand of memory solutions. Our award-winning lineup includes memory cards, USB flash drives, card readers, and solid-state drives. With so many options, it's easy to find the right Lexar solution to fit your needs. Lexar products are available worldwide at major retail and e-tail stores. For more information or support, visit www.lexar.com.

Specifications

Color	Black (PCB)
Capacity	256GB, 512GB, 1TB
Form Factor	M.2 2280
Interface	PCIe Gen3x4
Speed	256GB sequential read up to 3,500MB/s, write up to 1,200MB/s IOPS: 200/242K
	512GB sequential read up to 3,500MB/s, write up to 2,000MB/s IOPS: 332/275K
	1TB sequential read up to 3,500MB/s, write up to 2,000MB/s IOPS: 293/272K
Operating Temperature	0° to 70° C
Storage Temperature	-40° to 85° C
Shock Resistant	1500G, duration 0.5ms, Half Sine Wave
Vibration Resistant	10~2000Hz, 1.5mm, 20G, 1 Oct/min, 30min/axis(X,Y,Z)
TBW	256GB: 150TB, 512GB: 300TB, 1TB: 600TB
DWPD	256GB: 0.32, 512GB: 0.32, 1TB: 0.32
MTBF	1,500,000 Hours
Dimension (W x L x H)	80 x 22 x 2.25 mm
Weight	9g
Certification	CE, FCC, VCCI, C-tick

¹ Up to 3500MB/s read transfer, write transfer speeds lower. Speeds based on internal testing. Actual performance may vary.

² Shock resistant (1500G, duration 0.5ms, Half Sine Wave) and vibration resistant (10~2000Hz, 1.5mm, 20G, 1 Oct/min, 30min/axis(X,Y,Z)). Based on internal testing. Actual performance may vary.

³ Comparison based on internal testing. Actual performance may vary.

Lexar is not liable for any loss of data or images.

NOTE:

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

Product appearance, performance, software offerings, and packaging may vary depending on ship date and available inventory.

Actual usable memory capacity may vary. 1GB equals 1 billion bytes.

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