Product Highlights:

- Experience high-speed PCIe NMe Gen 4x4 performance: 5300MB/s read 4500MB/s write speed[1] - supports NVMe 1.4, with M.2 2280 form factor
- Get 9.6x[3] faster than a SATA-based SSD
- Developed with the 12nm controller for lower power consumption
- Enjoy the coolness with an optional added heatsink
- Wide range of compatibility: Compatible with PlayStation®5, notebooks, and PCs.
- Shock and vibration resistant with no moving parts[2]
- Five-year limited warranty

Capacities:

512GB
(up to 5300MB/s read, 4000MB/s write[1])

1TB
(up to 5300MB/s read, 4500MB/s write[1])

2TB
(up to 5300MB/s read, 4500MB/s write[1])

Exceptional PCIe NVMe Gen4 performance for work and play

Enjoy a high-speed gaming experience and work efficiency with the Lexar® NM760 M.2 2280 PCIe Gen4x4 NVMe SSD. Designed for gamers and professionals with speeds of up to 5300MB/s read and 4500MB/s[1] write, get 9.6x[3] the performance compared to traditional SATA-based SSD. Leverages PCIe Gen 4x4 NVMe1.4 technology standard and backwards compatible with PCIe 3.0.

Energy Efficient with 12nm processor. Developed with the 12nm controller, the NM760 SSD consumes less power for longer battery life and better user experience.

Enjoy the coolness. With an optional heatsink, you can unleash the outstanding performance and don't need to worry about sudden performance drops from high temperature.

Widely compatible with various devices. The NM760 is widely compatible with notebooks, PC, PlayStation® 5 and etc., delivers powerful performance for high-speed storage backup and access to content

Built to Last. Unlike traditional hard disk drives, the NM760 SSD has no moving parts, so it's built to last. On top of that, it's also shock and vibration resistant[2], making it one robust and reliable SSD.

Rigorously tested. All Lexar products undergo extensive testing in the Lexar Quality Labs, facilities with thousands of different cameras and digital devices to ensure performance, quality, compatibility, and reliability.

For more than 25 years, Lexar has been a trusted leading global brand of memory solutions. Our award-winning lineup includes memory cards, USB flash drives, card readers, solid-state drives and DRAM. 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.

Lexar Retail Sku	Capacity	Region	Single UPC Code	Inner Carton UPC Code	Inner Carton Qty
LNM760X512G-RNNNG	512GB		843367127429	10843367127426	
LNM760X001T-RNNNG	1TB	Global	843367127436	10843367127433	10
LNM760X002T-RNNNG	2TB		843367128358	10843367128355	

[1] Up to 5300MB/s read transfer. Write transfer speed lower. Speed 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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Specifications

Color	Black (PCB)
Capacity	512GB, 1TB, 2TB
Form Factor	M.2 2280
Interface	PCIe Gen4x4
Speed	**512**GB sequential read up to 5,300MB/s, write up to 4,000MB/s[1] IOPS: up to 400/800K **1**TB sequential read up to 5,300MB/s, write up to 4,500MB/s[1] IOPS: up to 440/900K **2**TB sequential read up to 5,300MB/s, write up to 4,500MB/s[1] IOPS: up to 440/900K
Operating Temperature	0° to 70° C (32°F to 158°F)
Storage Temperature	-40° to 85° C (-40°F to 185°F)
Shock Resistant	1500G, duration 0.5ms, Half Sine Wave[3]
Vibration Resistant	10~2000Hz, 1.5mm, 20G, 1 Oct/min, 30min/axis(X,Y,Z)[3]
TBW	512GB: 500TB, 1TB: 1000TB, 2TB: 1500TB
DWPD	0.535
MTBF	1,500,000 Hours
Dimension (W x L x H)	80 x 22 x 2.45 mm / 3.15"x0.87"x0.10" (with front label)
Weight	9g
Certification	CE, FCC, VCCI, C-tick

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