



Product Highlights:

- Delivers read/write speeds up to **7000/6000MB/s¹** for fast gameplay and boot-ups
- A 5-year limited warranty offers peace of mind
- High-quality 8-channel Gen 4 controller provides better sustained write performance while HMB and SLC cache technologies improve performance and user experience and reduce latency
- Great for laptops too thanks to its single-sided design and Intelligent Power Control
- Lexar DiskMaster SSD Management tool lets you perform firmware updates, manage the drive and its data, and monitor drive health

Capacities:

1TB

up to 6000MB/s read, 2500MB/s write¹

2TB

up to 7000MB/s read, 5000MB/s write¹

4TB

up to 7000MB/s read, 6000MB/s write¹



High Performance at a Superior Value

With read/write speeds up to 7000/6000MB/s,¹ the Lexar® NQ780 M.2 2280 PCIe Gen 4x4 NVMe SSD is made to keep your games running smoothly and your work projects on time. It is designed with premium technologies that help improve performance and keep your system from lagging and Intelligent Power Control adjusts power consumption to suit the workload. The drive also comes with the Lexar DiskMaster SSD management tool so you can perform firmware updates and monitor drive health. All the performance you need at a value you'll love.

Play Hard, Work Hard. Read/write speeds up to 7000/6000MB/s¹ help deliver smooth gameplay and fast boot-ups so whether you're working or playing, you know you can perform your best.

Exceptional Sustained Performance. A high-quality 8-channel Gen 4 controller ensures both amazing maximum performance as well as great sustained performance.

A State-of-the-Art Experience. Host Memory Buffer (HMB) and SLC cache technologies improve performance and user experience by enabling faster game loads and transfers and reducing latency.

Great for Laptops. A single-sided design and Intelligent Power Control that manages power consumption to suit the workload, make it a great option for laptops too.

Easy Drive Management. The drive comes with the Lexar DiskMaster SSD Management tool, which allows you to easily perform firmware updates that enhance the drive's reliability, manage the data on the drive such as securely erasing private files, and monitor the drive's health for timely detection of potential issues.

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 29 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, 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.

Specifications

Capacity	1TB, 2TB, 4TB
Form Factor	M.2 2280
Interface	PCIe Gen 4x4
Speed	1TB: Sequential read speed up to 6000MB/s ¹ , sequential write speed up to 2500MB/s ¹ 2TB: Sequential read speed up to 7000MB/s ¹ , sequential write speed up to 5000MB/s ¹ 4TB: Sequential read speed up to 7000MB/s ¹ , sequential write speed up to 6000MB/s ¹
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
Vibration Resistant	10~2000Hz, 1.5mm, 20G, 1Oct/min, 30min/axis (X, Y, Z)
TBW	1TB: 600TBW, 2TB: 1200TBW, 4TB: 2400TBW
MTBF	1,500,000 Hours
Dimension (W x L x H)	80 x 22 x 2.45 mm / 3.15"x0.87"x0.10"
Weight	6g / 0.013lbs
Warranty	Five-year limited warranty

Lexar Retail SKU	Capacity	Region	Single UPC Code	Inner Carton UPC Code	Inner Carton Qty
LNQ780X001T-RNNNG	1TB	Global	843367137008	10843367137005	10
LNQ780X002T-RNNNG	2TB	Global	843367137015	10843367137012	10
LNQ780X004T-RNNNG	4TB	Global	843367137022	10843367137029	10
LNQ780X001T-RNNNU	1TB	NA	843367137039	10843367137036	10
LNQ780X002T-RNNNU	2TB	NA	843367137046	10843367137043	10
LNQ780X004T-RNNNU	4TB	NA	843367137053	10843367137050	10

¹ Up to 7000MB/s read transfer, up to 6000MB/s write. Speeds based on internal testing. Actual performance may vary.

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

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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