

Lexar® NQ700 M.2 2280 PCIe Gen4x4 NVMe SSD

April 2025

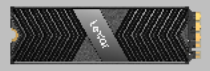
Launch Communication

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Lexar

Positioning

NQ700 PCIe 4.0 SSD Lexar

MAINSTREAM	Gen 5	Gen 4	Gen 3
HIGH PERFORMANCE	 **NM1090 PRO** NVMe PCIe Gen5x4 RW up to 14000/13000MB/s* 1TB-4TB  **NM1090** NVMe PCIe Gen5x4 RW up to 12000/11000MB/s* 1TB-2TB	 **NM800PRO with Heatsink** NVMe PCIe Gen4x4 RW up to 7500/6500MB/s* 512GB-8TB  **NM790 with Heatsink** PCIe Gen4x4 RW up to 7400/6500MB/s* 1TB-4TB	 **NM800PRO** NVMe PCIe Gen4x4 RW up to 7500/6500MB/s* 512GB-4TB  **NM790** NVMe PCIe Gen4x4 RW up to 7400/6500MB/s* 512GB-4TB
MAINSTREAM	 **NQ790** PCIe Gen4x4 RW up to 7000/6000MB/s* 500GB-2TB  **NQ780** PCIe Gen4x4 RW up to 7000/6000MB/s* 1TB-4TB	 **PLAY 2230** PCIe Gen4x4 RW up to 5200/4700MB/s* 1TB  **PLAY2280** PCIe Gen4x4 RW up to 7400/6500MB/s* 2TB-8TB	 **NM620** NVMe PCIe Gen3x4 RW up to 3500/3000MB/s* 256GB-2TB
ENTRY LEVEL	 **NM710** PCIe Gen4x4 RW up to 5000/4500MB/s* 500GB-2TB *NEW*  **NQ700** PCIe Gen4x4 RW up to 4500/3000MB/s* 1TB-2TB	 **NQ710** PCIe Gen4x4 RW up to 5000/4000MB/s* 500GB-4TB	 **NM610 PRO** NVMe PCIe Gen3x4 RW up to 3300/2600MB/s* 500GB-2TB

* Based on internal testing. Actual performance may vary.

Segmentation

NQ700 PCIe 4.0 SSD Lexar




NM1090 PRO


NM800PRO with Heatsink


NM790 with Heatsink


NM1090


NM800PRO


NM790





NQ780



NQ790


PLAY2280


PLAY 2230


NM620



NEW



NQ700


NM710



NQ710


NM610 PRO

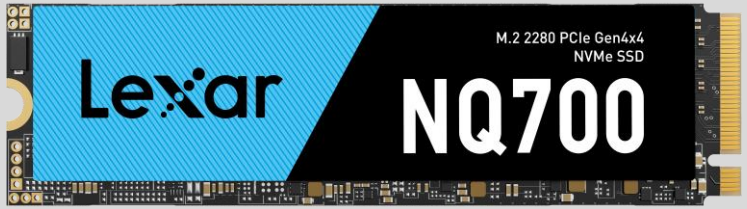
Target Market



Designed for casual gamers, entry-level designers, students, office workers, and everyday users.

Product Overview

Better performance for an improved user experience thanks to PCIe 4.0 interface, NVMe protocol, and HMB and SLC cache technologies			
Read/write speeds up to 4500/3000MB/s[1]	High-quality 3D NAND boasts reliability and endurance	Lexar DiskMaster SSD Management tool lets you perform firmware updates, manage the drive and its data, and monitor drive health	Three-year limited warranty



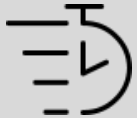
1TB: Sequential read speed up to 4200MB/s[1], sequential write speed up to 2100MB/s[1]

2TB: Sequential read speed up to 4500MB/s[1], sequential write speed up to 3000MB/s[1]

- Interface: PCIe Gen4x4
- Three-year limited warranty



High Performance



Dynamic SLC Caching



Always Compatible



Lexar DiskMaster

[1]Up to 4500MB/s read transfer, up to 3000MB/s write. Speeds based on internal testing. Actual performance may vary.



The PCIe 4.0 Powerhouse for Your PC

The Lexar® NQ700 PCIe Gen4X4 NVMe SSD utilizes a PCIe 4.0 interface, achieving up to 4500MB/s[1] read and 3000MB/s[1] write speeds. Incorporating HMB and SLC Cache dynamic caching technology, it significantly enhances data transfer efficiency, greatly boosting performance. Paired with the Lexar DiskMaster disk management software, it assists you in effortlessly managing your SSD.

[1]Up to 4500MB/s read transfer, up to 3000MB/s write. Speeds based on internal testing. Actual performance may vary.

Boost Your System with PCIe 4.0 Performance

Power up your computer with read/write speeds up to 4500/3000MB/s[1].

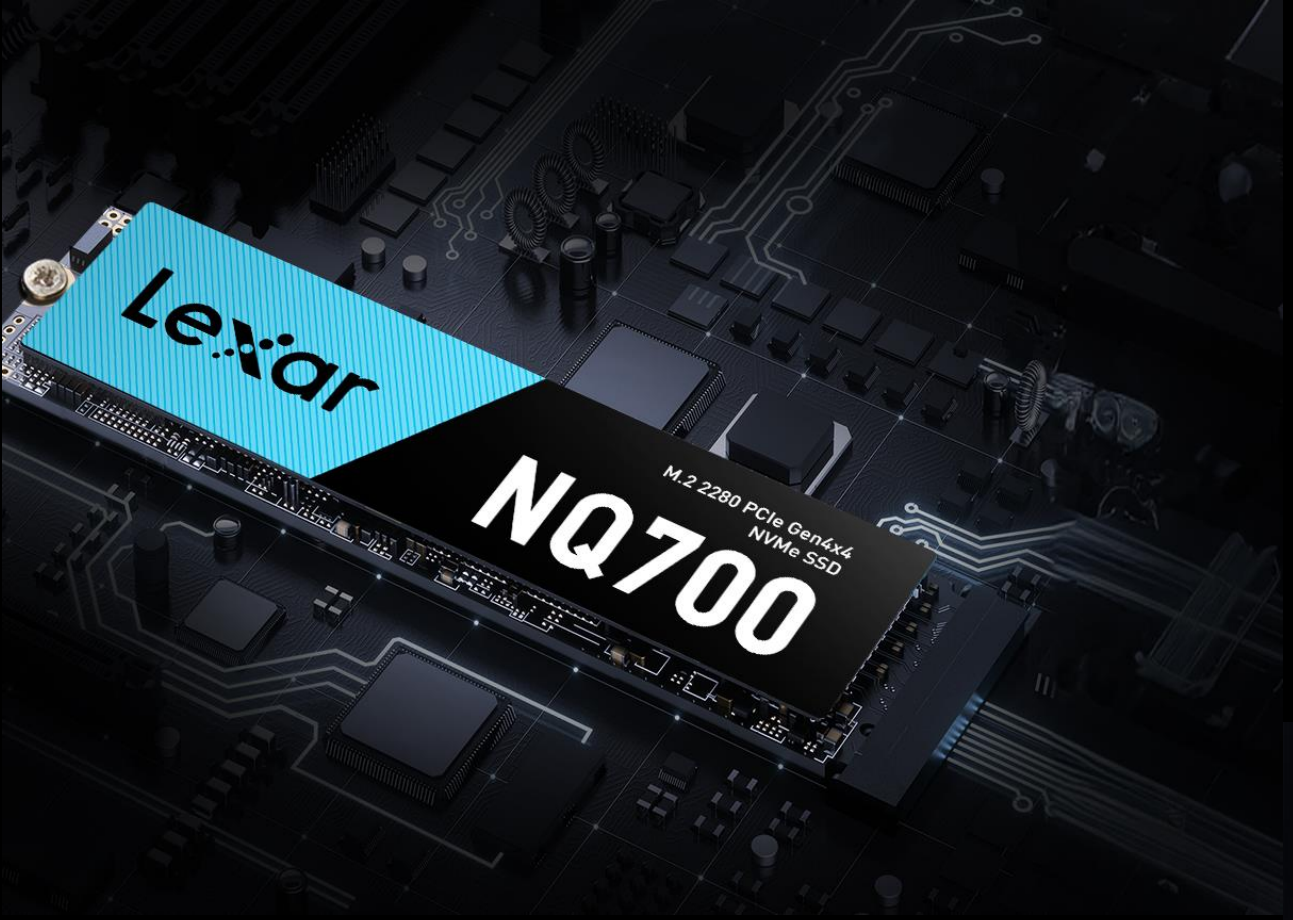
[1]Up to 4500MB/s read transfer, up to 3000MB/s write. Speeds based on internal testing. Actual performance may vary.





Built to Perform

Equipped with HMB and SLC Cache dynamic caching technology, this drive delivers enhanced data transfer speeds and system responsiveness for an immersive gaming and content creation experience.



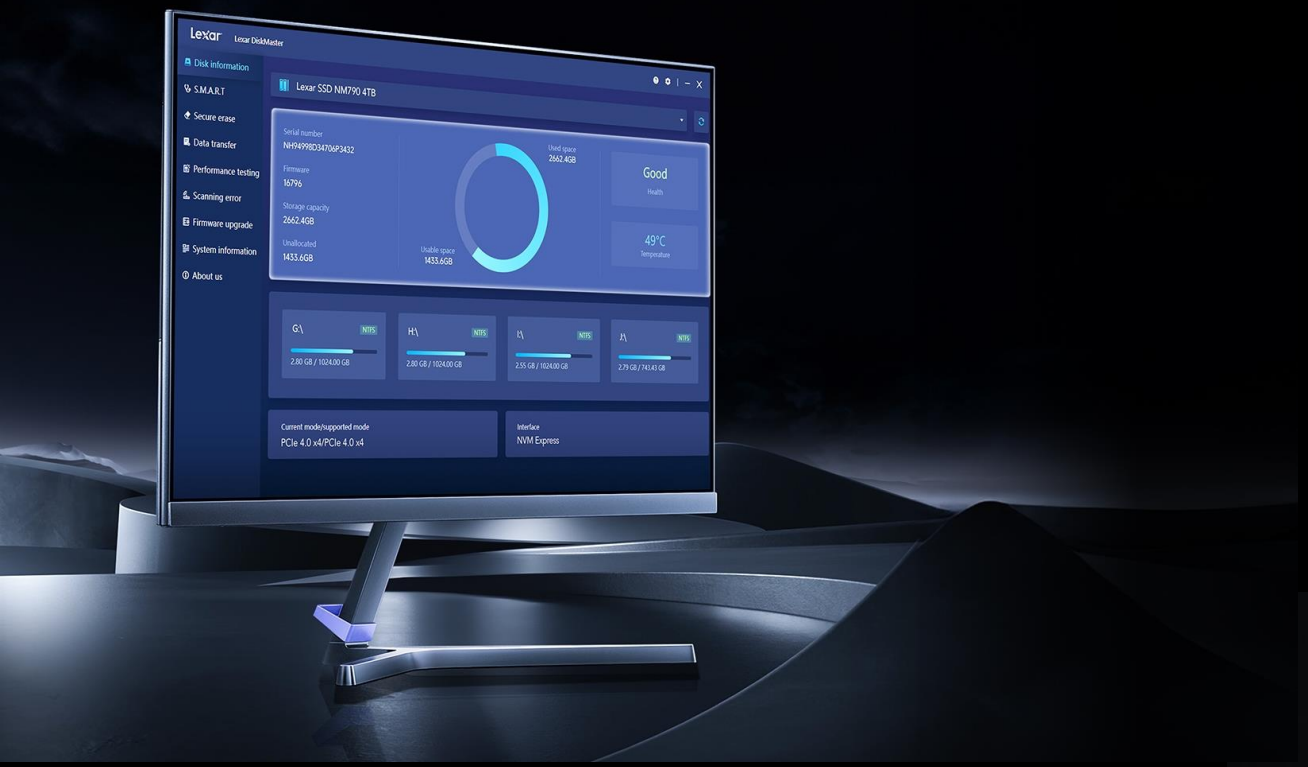
Large Capacity

The Lexar® NQ700 PCIe Gen4X4 NVMe SSD offers a range of high-capacity solutions, including 1TB and 2TB, to meet your storage needs.

Always Compatible

With its M.2 2280 form factor, it is compatible with PC, laptop, gaming consoles, and other devices. Featuring an integrated design with no moving parts, it offers shock and vibration resistance, ensuring the security of your data at all times.





Easy Drive Management

Use Lexar DiskMaster disk management tool to optimize and protect the drive to achieve higher performance, better data security, and a longer lifespan.

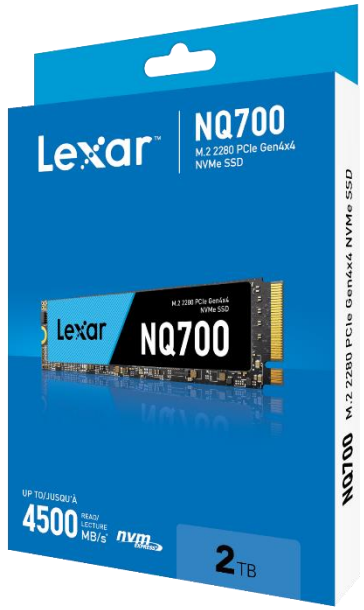
Rigorously Tested

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.



Specifications

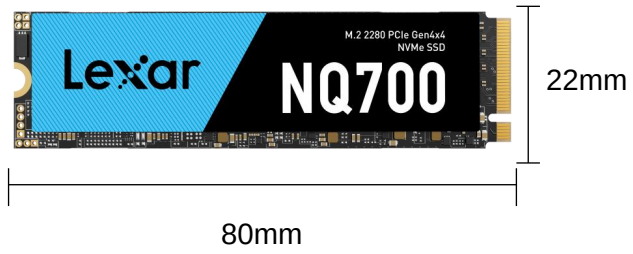
Product	Lexar® NQ700 M.2 2280 PCIe Gen4x4 NVMe SSD
Capacity	1TB, 2TB
Form Factor	M.2 2280
Interface	PCIe Gen4x4
Speed	**1TB:** Sequential read speed up to 4200MB/s[1], sequential write speed up to 2100MB/s[1] **2TB:** Sequential read speed up to 4500MB/s[1], sequential write speed up to 3000MB/s[1]
NAND Flash	QLC
Operating Temperature	0°C to 70°C (32°F to 158°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
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	**1TB:** 350TBW, **2TB:** 700TBW
MTBF	1,500,000 Hours
Dimensions (L x W x H)	80 x 22 x 2.45mm / 3.15” x 0.87” x 0.10”
Weight	6g / 0.013lbs
Warranty	Three-year limited warranty

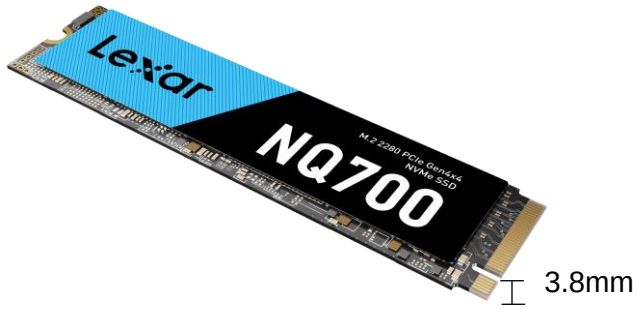


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SKU/UPC

Region	Oracle Item Number	Lexar Retail SKU	Material Description	Capacity	Lexar Single UPC/EAN Code	Master Carton UPC/EAN Code	Master Carton Qty
Global	ZJPL007C0297	LNQ700X001T-RNNNG	Lexar Internal SSD NQ700 PCIe Gen4x4 1TB, GL	1TB	843367136933	10843367136930	10
Global	ZJPL007C0296	LNQ700X002T-RNNNG	Lexar Internal SSD NQ700 PCIe Gen4x4 2TB, GL	2TB	843367136940	10843367136947	10
NA	ZJPL007C0295	LNQ700X001T-RNNNU	Lexar Internal SSD NQ700 PCIe Gen4x4 1TB, NA	1TB	843367136964	10843367136961	10
NA	ZJPL007C0312	LNQ700X002T-RNNNU	Lexar Internal SSD NQ700 PCIe Gen4x4 2TB, NA	2TB	843367136971	10843367136978	10






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THANK YOU