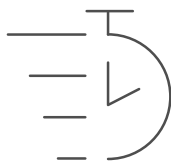




Lexar® NM620 M.2 2280 NVMe SSD

- 2TB
- 1TB
- 512GB
- 256GB

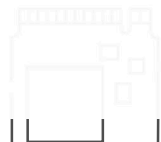
up to 3500MB/s read, 3000MB/s write



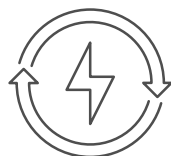
Impressive Transfer Speed



NVMe 1.4 Standard



PCIe Gen 3x4 Interface



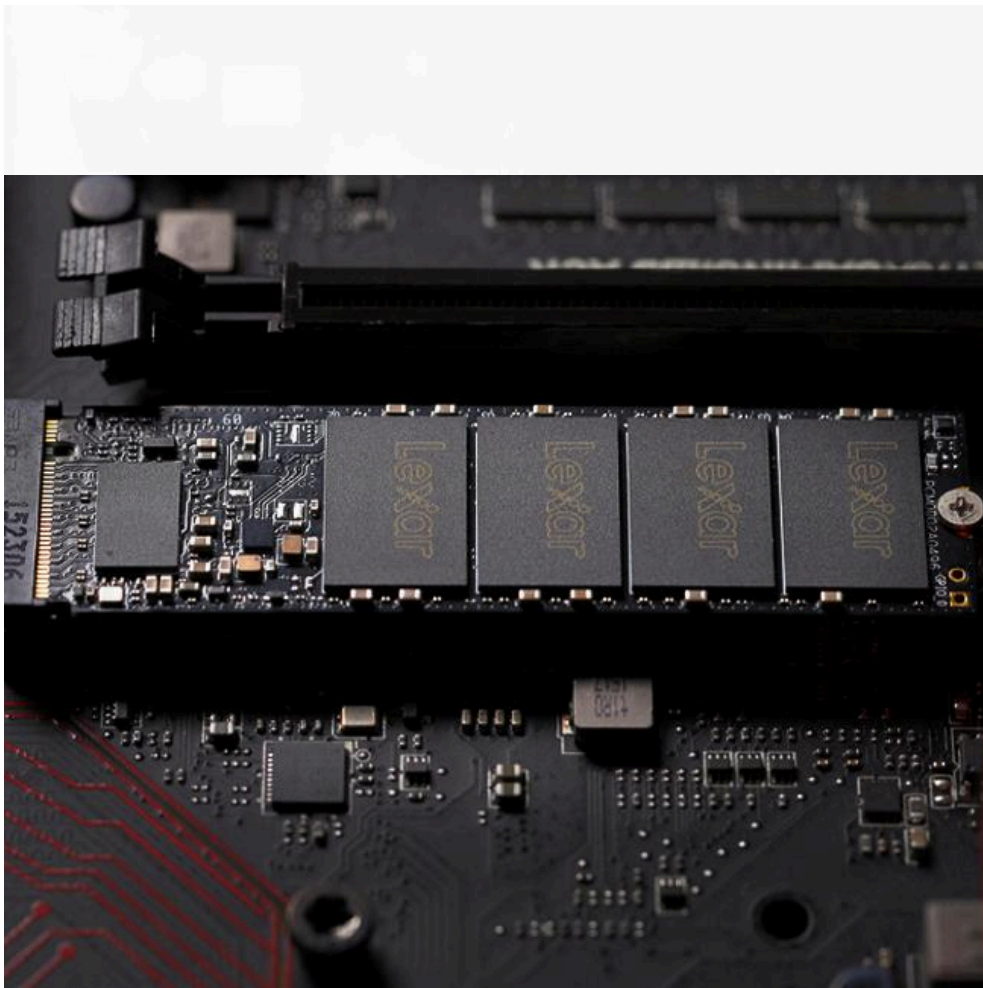
Energy Efficient

Features

— Next-Level performance for intensive workloads

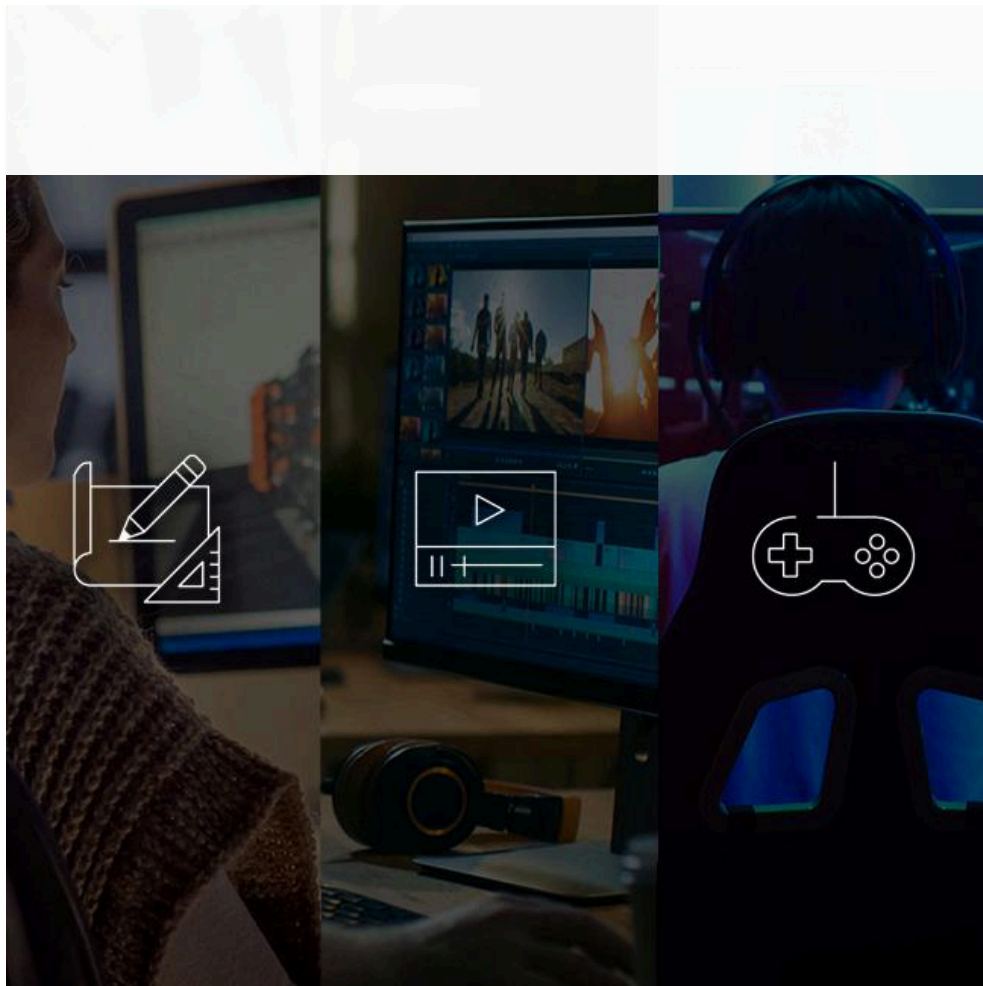
Designed for intensive workloads, the Lexar NM620 M.2 2280 PCIe Gen3x4 NVMe SSD offers next-level performance that puts you in the computing fast lane with speeds up 3500MB/s read and 3000MB/s write¹. It's supported by the PCIe Gen3x4 NVMe 1.4 technology standard and built with the latest 3D NAND flash.





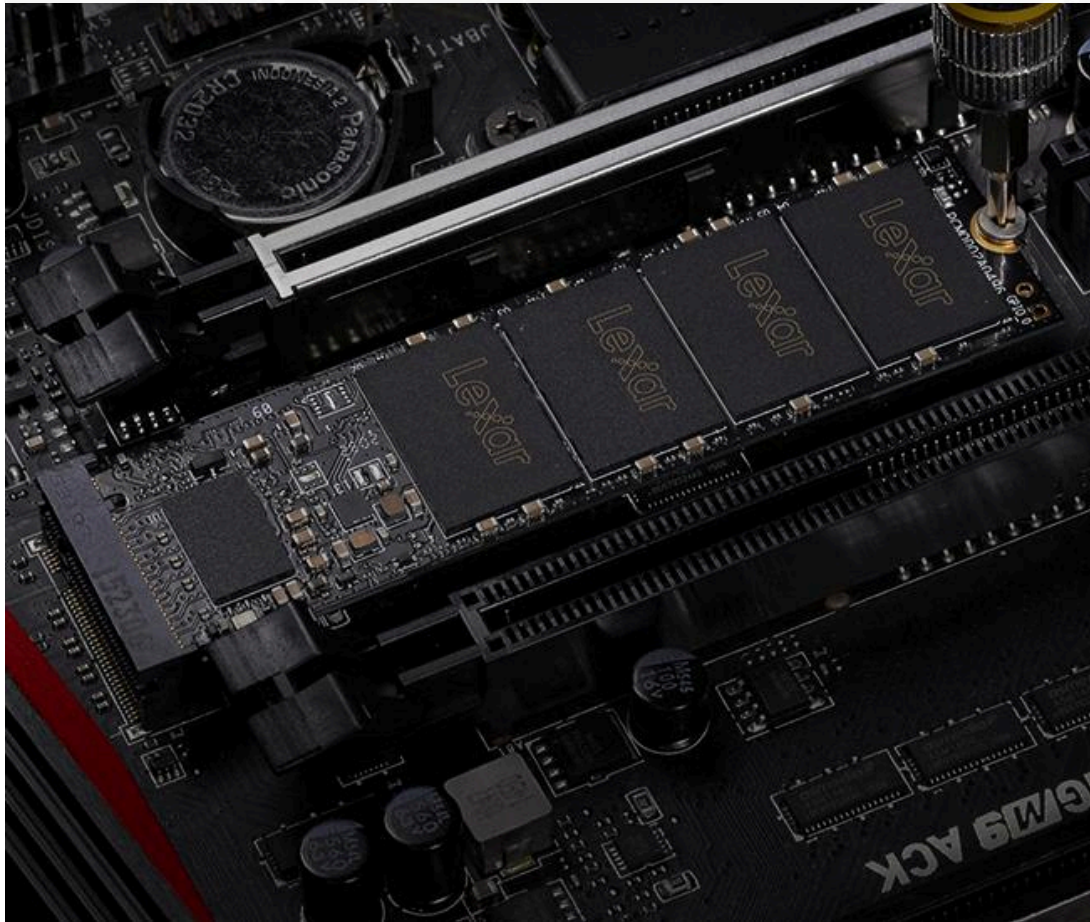
– **Ideal for demanding creative and gaming**

With speeds of up to 3500MB/s read, enjoy 6x the speed of SATA SSDs³. The NM620 puts you in the computing fast lane and offers impressive performance for demanding creative workstations and gaming experiences.



– Features LDPC for added reliability

Low-Density Parity Check (LDPC) 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 NM620 SSD has no moving parts, so it's built to last. 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 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

Form Factor

M.2 2280

Interface

PCIe Gen3x4

Performance

256GB —sequential read up to 3500MB/s, write up to 1300MB/s
IOPS: up to 92/240K
512GB —sequential read up to 3500MB/s, write up to 2400MB/s
IOPS: up to 200/256K
1TB —sequential read up to 3500MB/s, write up to 3000MBs
IOPS: up to 300/256K
2TB —sequential read up to 3500MB/s, write up to 3000MBs
IOPS: up to 300/256K

Storage Temperature

-40°C to 85°C (-40°F to 185°F)

Dimension (L x W x H)

80 mm x 22 mm x 2.25 mm / 3.15" x 0.87" x 0.09"

Weight

9g

Warranty

5 year limited warranty

Shock Resistant

1500 G, duration 0.5ms, Half Sine Wave

Vibration Resistant

10~2000Hz, 1.5mm, 20 G, 1 Oct/min, 30min/axis(X,Y,Z)

TBW

2TB:1000, 1 TB: 500 TB, 512 GB: 250 TB,, 256 GB: 125 TB

DWPD

1 TB: 0.44, 512 GB: 0.44, 256 GB: 0.44

NAND flash

3D TLC

MTBF

1,500,000 Hours

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

²Shock 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.

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

[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.

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

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





Product Numbers

North America

Capacity
#Part
1TB
LNM620X001T-RNNNU
512GB
LNM620X512G-RNNNU
256GB
LNM620X256G-RNNNU

Global

Capacity
#Part
2TB
LNM620X002T-RNNNG
1TB
LNM620X001T-RNNNG
512GB
LNM620X512G-RNNNG
256GB
LNM620X256G-RNNNG

China

Capacity
#Part



LNM620X001T-RNNNC
512GB
LNM620X512G-RNNNC
256GB
LNM620X256G-RNNNC

Related products



Lexar® NM610PRO M.2 2280 PCIe Gen3x4 NVMe SSD

Lexar® NM610 M.2 2280 NVMe SSD

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