NM620
M.2 2280 PCIe Gen 3x4 NVMe SSD



Product Highlights:

- High-speed PCIe Gen3x4 interface: 3500MB/s read and 3000MB/s write[1] - NVMe 1.4 supported
- M.2 2280 form factor
- Get 6x the speed of a SATA-based SSD[3]
- Ideal for PC enthusiasts and gamers
- 3D NAND
- Features LDPC (Low-Density Parity Check)
- Shock and vibration resistant with no moving parts[2]
- Five-year limited warranty

Capacities:

256GB
(up to 3500MB/s read, 1300MB/s write[1])

512GB
(up to 3500MB/s read, 2400MB/s write[1])

1TB
(up to 3500MB/s read, 3000MB/s write[1])

2TB
(up to 3500MB/s read, 3000MB s write[1])

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 write[1]. It's supported by the PCIe Gen 3x4 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 SSDs. 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 resistant[2], 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.

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
LNM620X256G-RNNNG	256GB	Global	843367123148	10843367123145	10
LNM620X512G-RNNNG	512GB		843367123155	10843367123152	
LNM620X001T-RNNNG	1TB		843367123162	10843367123169	
LNM620X002T-RNNNG	2TB		843367123179	10843367123176	
LNM620X256G-RNNNU	256GB	North America	843367123834	10843367123831	
LNM620X512G-RNNNU	512GB		843367123841	10843367123848	
LNM620X001T-RNNNU	1TB		843367123858	10843367123855	
LNM620X002T-RNNNU	2TB		843367123865	10843367123862	

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Specifications

Color	Black (PCB)
Capacity	256GB, 512GB, 1TB, 2TB
Form Factor	M.2 2280
Interface	PCIe Gen3x4
Speed	**256**GB sequential read up to 3,500MB/s, write up to 1,300MB/s IOPS: up to 92/240K **512**GB sequential read up to 3,500MB/s, write up to 2,400MB/s IOPS: up to 200/256K **1**TB sequential read up to 3,500MB/s, write up to 3,000MB/s IOPS: up to 300/256K **2**TB sequential read up to 3,500MB/s, write up to 3,000MB/s IOPS: up to 350/256K
Operating Temperature	0° to 70° C
Storage Temperature	-40° to 85° C
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	256GB: 125TB, 512GB: 250TB, 1TB: 500TB, 2TB: 1000TB
DWPD	0.44
MTBF	1,500,000 Hours
Dimension (W x L x H)	80 x 22 x 2.45 mm (with front label)
Weight	6g
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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