# NM610 PRO
# M.2 2280 PCIe Gen 3x4 NVMe SSD




## Product Highlights:

- High-speed PCIe Gen3x4 interface: 3300MB/s[1] read and 2600MB/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
- Compact and Slim
- Shock and vibration resistant with no moving parts[2]
- Three-year limited warranty

## Capacities:

**500**GB
(up to 3300MB/s read, 1700MB/s write[1])

**1**TB
(up to 3300MB/s read, 2600MB/s write[1])

**2**TB
(up to 3300MB/s read, 2600MB/s write[1])

## Boost your computing experience with faster performance

Designed to elevate your PC experience with faster load times and transfer speeds from boot-up to shut down, the Lexar NM610 PRO M.2 2280 PCIe Gen3x4 NVMe SSD will boost your computing experience with speeds up 3300MB/s[1] read and 2600MB/s[1] write. It's supported by the PCIe Gen3x4 NVMe 1.4 technology standard for higher performance and efficiency.

**Get 6x the speed of a SATA-based SSD[3].** Upgrade to the Lexar NM610 PRO M.2 2280 PCIe Gen3x4 NVMe SSD and get 6x the speed of a SATA-based SSD[3]. With PCIe 3.0 and NVMe 1.4 technology standard, and speeds of up to 3300MB/s[1] read, experience faster performance so you can do more in less time.

**Ideal for PC Enthusiasts.** With fast transfer speeds of up to 3300MB/s[1] read and of up to 2600MB/s[1] write, the Lexar NM610 PRO M.2 2280 PCIe Gen3x4 NVMe SSD is the ideal choice for PC enthusiast upgrading their PC building one from scratch for faster boot-ups and app load times.

**Compact and Slim.** Featuring a compact and light M.2 2280 form factor, the Lexar NM610 PRO M.2 2280 PCIe Gen3x4 NVMe SSD supports easier installation on your laptop or PC.

**Built to Last.** Unlike traditional hard disk drives, the NM610 PRO 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 |
|---|---|---|---|---|---|
| LNM610P500G-RNNNG | 500GB | Global | 843367128730 | 10843367128737 | 10 |
| LNM610P01T-RNNNG | 1TB | | 843367128723 | 10843367128720 | |
| LNM610P002T-RNNNG | 2TB | | 843367128716 | 10843367128713 | |

[1] Up to 3300MB/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

| | |
|---|---|
| Form Factor | M.2 2280 |
| Interface | PCIe Gen3x4 |
| Speed | **500**GB sequential read up to 3,300MB/s, write up to 1,700MB/s[1]<br>**1**TB sequential read up to 3,300MB/s, write up to 2,600MB/s[1]<br>**2**TB sequential read up to 3,300MB/s, write up to 2,600MB/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[3] |
| Vibration Resistant | 10~2000Hz, 1.5mm, 20G, 1 Oct/min, 30min/axis(X,Y,Z)[3] |
| TBW | 500GB: 120TB, 1TB: 240TB, 2TB: 480TB |
| 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 |

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