



Product Highlights:

- High-speed PCIe Gen3x4 interface: 2100MB/s read and 1600MB/s write¹ - NVMe 1.3 supported
- M.2 2280 form factor
- Get 3.5x the speed of a SATA-based SSD³
- Ideal for PC enthusiasts
- 3D NAND
- Features LDPC (Low-Density Parity Check)
- Shock and vibration resistant with no moving parts²
- Three-year limited warranty

Capacities:

- 250GB
(up to 2100MB/s read, 1200MB/s write¹)
- 500GB
(up to 2100MB/s read, 1600MB/s write¹)
- 1TB
(up to 2100MB/s read, 1600MB/s write¹)



Elevate your PC's performance with faster speed and more efficiency

Designed to elevate your PC experience with faster load times and transfer speeds from boot-up to shut down, the Lexar® NM610 M.2 2280 PCIe Gen3x4 NVMe SSD will put you in the computing fast lane with speeds up to 2100MB/s read and 1600MB/s write¹. The NM610 is supported by the PCIe Gen3x4 NVMe 1.3 technology standard and built with 3D NAND flash for higher capacity and more efficiency without unnecessary slowdowns. With outstanding endurance thanks to no moving parts it's cooler, quieter, and more reliable than a traditional hard disk drive, plus it's also shock and vibration resistant².

PCIe Gen3x4 NVMe- The upgrade that puts in 3.5x's the work³. Move beyond the pace of a SATA SSD's with an upgrade to the Lexar NM610 and get 3.5x the speed of SATA-based SSD³. With PCIe Gen3x4 NVMe 1.3 standard, and speeds up to 2100MB/s read and 1600MB/s write, you will feel the improved performance from boot ups, software load times, and transfers giving you maximum efficiency without the constant slowdowns. The NM610 is built with 3D NAND flash inside.

Ideal for PC enthusiast. With sequential read speeds of up to 2100MB/s and sequential write speeds of up to 1600MB/s¹, you'll enjoy better all-around performance for your PC. That's faster boot-ups, data transfers and application load times compared to a SATA SSD³.

Features LDPC (Low-Density Parity Check) for errors. LDPC error code correction 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 NM610 SSD has no moving parts, so it's less likely to fail. 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 an HDD.

Rigorously tested. All Lexar product designs undergo extensive testing in the Lexar Quality Labs, facilities with more than 1,100 digital devices, to ensure performance, quality, compatibility, and reliability.

For more than 20 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, and solid-state drives. 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

Color	Black (PCB)
Capacity	250GB, 500GB, 1TB
Form Factor	M.2 2280
Interface	PCIe Gen3x4
Speed	250GB sequential read up to 2,100MB/s, write up to 1,200MB/s IOPS: 110/151K
	500GB sequential read up to 2,100MB/s, write up to 1,600MB/s IOPS: 188/156K
	1TB sequential read up to 2,100MB/s, write up to 1,600MB/s IOPS: 225/252K
Operating Temperature	0° to 70° C
Storage Temperature	-40° to 85° C
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	250GB: 125TB, 500GB: 250TB, 1TB: 500TB
DWPD	250GB: 0.46, 500GB: 0.46, 1TB: 0.46
MTBF	1,500,000 Hours
Dimension (W x L x H)	80 x 22 x 2.25 mm
Weight	9g
Certification	CE, FCC, VCCI, C-tick

¹ Up to 2100MB/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.

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.

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