



**SSD LEXAR  
NM790 1TB M.2  
PCIe Gen4 NVMe  
Write speed  
6500 MBytes/sec  
Read speed  
7400 MBytes/sec  
2.45mm TBW  
1000 TB MTBF  
1500000 hours  
LNM790X001T-  
RNNNG**

Model: LNM790X001T-RNNNG

Manufacturer: LEXAR

EAN: 843367130283

Product Code: 41212

**R3,460** R4,432

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

With a blazing 7400MB/s sequential read, 6500MB/s sequential write<sup>1</sup> and random read speeds of up to 1,000,000 IOPs, the Lexar® NM790 SSD has the performance to put you across the finish line first or easily meet your most demanding deadlines.

At 2x as fast as PCIe Gen3 SSDs<sup>2</sup>, the Lexar® NM790 M.2 2280 PCIe Gen 4x4 NVMe SSD helps you perform at your best, fast.

Consuming up to 40% less power consumption than DRAM cache-enabled PCIe Gen 4 SSDs<sup>2</sup>, Lexar® NM790 M.2 2280 PCIe Gen 4x4 NVMe SSD not only keeps energy costs down, but also lets you go longer between charges of your laptop battery.

Host Memory Buffer (HMB) 3.0 enables the drive to utilize DRAM memory on your device, and Dynamic SLC cache writes to single-level-cell memory to maintain speed for smooth and seamless performance.

Designed for hardcore gamers, professionals, and creators, the Lexar® NM790 SSD has the performance you need to accelerate your game and keep up with your creative endeavors.

Designed to be the perfect partner, the Lexar® NM790 SSD is compatible with laptops, desktop computers, and the PS5™.

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.

- High-speed Performance
- PCIe Gen4x4 Interface
- NVMe 1.4 Technology Standard

Summary: Lexar NM790. SSD capacity: 1 TB, SSD form factor: M.2, Read speed: 7400 MB/s, Write speed: 6500 MB/s, Component for: PC/Laptop | Vendor Homepage:

<https://www.lexar.com/product/lexar-nm790-m-2-2280-pcie-gen-4x4-nvme-ssd/> | Component for: PC/Laptop | Interface: PCI Express 4.0 | Lithography: 12 | Mean time between failures (MTBF): 1500000 | Memory type: SLC | NVMe: Yes | NVMe version: 1.4 | PCI Express interface data lanes: x4 |

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Protection features: Shock resistant/Vibration proof | Read speed: 7400 | SSD capacity: 1000 | SSD form factor: M.2 | Write speed: 6500 | Depth: 80 | Height: 2.45 | Weight: 6 | Width: 22 | Maximum operating temperature: 70 | Minimum operating temperature: 0 | Operating shock: 1500 | Operating temperature (T-T): 0 - 70 | Storage temperature (T-T): -40 - 85 | Vibration resistance: 20 | Warranty period: 5 | Model: LNM790X001T-RNNNG | SSD series: NM790 | Units per Pallet: 0 | Units per Shipping Box: 120 | Unit Calculated Volume: 0.0004566 | Unit Calculated Weight: 0.068

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