

# Lexar NM790

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Lexar	



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.

## Zusammenfassung

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Lexar NM790, 2 TB, M.2, 7400 MB/s

Lexar NM790. SSD capacity: 2 TB, SSD form factor: M.2, Read speed: 7400 MB/s, Write speed: 6500 MB/s, Component for: PC/notebook

## Merkmale

### Technical details

Warranty period 5 year(s)

### Weight & dimensions

Width 22 mm  
Depth 80 mm  
Height 2.45 mm  
Weight 6 g

### Operational conditions

Operating temperature (T-T) 0 - 70 °C  
Storage temperature (T-T) -40 - 85 °C  
Maximum operating temperature 70 °C  
Operating shock 1500 G  
Vibration resistance 20 G

### Features

NVMe version 1.4  
SSD form factor M.2  
SSD capacity 2 TB  
Interface PCI Express 4.0  
Memory type SLC  
NVMe Y  
Component for PC/notebook  
Read speed 7400 MB/s  
Write speed 6500 MB/s  
Lithography 12 nm  
PCI Express interface data lanes x4  
Mean time between failures (MTBF) 1500000 h  
Protection features Shock resistant, Vibration proof

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.