Lexar™
PROFESSIONAL

NM800 PRO
M.2 2280 PCIe Gen 4x4 NVMe SSD



Product Highlights:

- Unparalleled speed PCIe Gen4x4 interface: 7500MB/s read and 6500MB/s write[1] – NVMe 1.4, with M.2 2280 form factor
- Get 2x faster speeds than PCIe 3.0 SSDs[3]
- Adopt the latest 12nm controller providing lower power consumption and longer battery life
- Designed for hardcore gamers, professionals and creators
- Compatible with PlayStation®5
- Shock and vibration resistant with no moving parts[2]
- Five-year limited warranty

Capacities:

512GB
(up to 7450MB/s read, 3500MB/s write[1])

1TB
(up to 7500MB/s read, 6300MB/s write[1])

2TB
(up to 7500MB/s read, 6500MB/s write[1])

Unparalleled SSD Performance

Designed for hardcore gamers, professionals and creators, the Lexar® Professional NM800 PRO M.2 2280 NVMe SSD provides unparalleled performance with speeds up to 7500MB/s read and 6500MB/s write[1]. Powered by PCIe Gen4x4 NVMe 1.4 technology standard, experience 2x faster speeds than PCIe 3.0 SSDs[3].

Push the limits with PCIe 4.0. The Lexar® Professional NM800 PRO M.2 2280 NVMe SSD is powered by PCIe Gen4x4 NVMe 1.4 technology standard so you' re able to experience 2x faster speeds than PCIe 3.0 SSDs[3]. It's also backwards compatible with PCIe 3.0.

Ready for your PS5. Upgrade your PS5 internal storage with the compatible Lexar® NM800 PRO SSD to enjoy your games with unparalleled SSD performance. Install the NM800 PRO with the Lexar M.2 2280 SSD Heatsink (sold separately) to increase the performance and capacity on your PS5 console.

Low power consumption for better thermal control. With blazing-fast performance, the Lexar® NM800 PRO SSD leverages the 12nm controller to produce lower power consumption and longer battery life for all your high-performance computing needs.

Built to last. Unlike traditional hard disk drives, the Lexar® NM800 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
LNM800P512G-RNNNG	512GB	Global	843367128433	10843367128430	10
LNM800P001T-RNNNG	1TB		843367128440	10843367128447	
LNM800P002T-RNNNG	2TB		843367128457	10843367128454	

[1] up to 7500MB/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.

www.lexar.com

©2022 All Rights Reserved. Information, products, specifications, and features are subject to change without notice. Neither Lexar nor Longsys is responsible for omissions or errors in typography or photography. Lexar, the Lexar logo, and all other Lexar trademarks are the property of Longsys Electronics (HK) Co., Ltd. or Shenzhen Longsys Electronics Co., Ltd. All other trademarks are property of their respective owners.

Lexar™
PROFESSIONAL

NM800 PRO
M.2 2280 PCIe Gen 4x4 NVMe SSD

Specifications

Form Factor	M.2 2280
Interface	PCIe Gen4x4
Speed	**512**GB sequential read up to 7,450MB/s, write up to 3,500MB/s IOPS: 500/900K **1**TB sequential read up to 7,500MB/s, write up to 6,300MB/s IOPS: 1000/1100K **2**TB sequential read up to 7,500MB/s, write up to 6,500MB/s IOPS: 1300/1200K
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
Vibration Resistant	10~2000Hz, 1.5mm, 20G, 1 Oct/min, 30min/axis(X,Y,Z)
TBW	512GB: 500TBW, 1TB: 1000TBW, 2TB: 2000TBW
MTBF	1,500,000 Hours
Dimension (W x L x H)	80 x 24 x 2.45 mm / 3.15" x 0.94" x 0.10"
Weight	9g / 0.02 lbs

www.lexar.com

©2022 All Rights Reserved. Information, products, specifications, and features are subject to change without notice. Neither Lexar nor Longsys is responsible for omissions or errors in typography or photography. Lexar, the Lexar logo, and all other Lexar trademarks are the property of Longsys Electronics (HK) Co., Ltd. or Shenzhen Longsys Electronics Co., Ltd. All other trademarks are property of their respective owners.