NM100
M.2 SATA III SSD



Product Highlights:

- Upgrade your laptop or desktop computer for faster startups, data transfers, and application loads with read speeds of up to 550MB/s[1]
- Faster performance and more reliable than traditional hard drives[2]
- Shock and vibration resistant with no moving parts[3]
- Three-year limited warranty

Capacities:

128GB
(up to 550MB/s read[1])

256GB
(up to 550MB/s read[1])

512GB
(up to 550MB/s read[1])

Boost your computer's performance with optimized efficiency and durability

Improve your existing system's performance with the Lexar® NM100 M.2 2280 SATA 6Gb/s SSD. This easy upgrade gives you faster boot-ups, application load times, and data transfers turning your old computer from dinosaur to dynamo with read speeds of up to 550MB/s[1]. The NM100 SSD is shock and vibration resistant[3], and also has no moving parts making it cooler, quieter, and more reliable than a traditional hard disk drive. Available in capacities from 128GB-512GB so you can store your all your favorite files without unnecessary slowdowns. 3-year limited warranty.

Give your laptop or PC computer a boost. With the NM100 SSD, you can save time and money by upgrading your laptop or PC. With improved performance and read speeds of up to 550MB/s[1], it will make boot-ups, data transfers and application load times a breeze.

Performance problems are behind you. The NM100 SSD gets rid of your computer's performance anxiety from having an old traditional hard drive and allows it to take center stage with more speed and storage space than ever had before[2].

Built to last. Unlike traditional hard disk drives, the NM100 SSD has no moving parts, so it's more durable and less likely to fail. Add to that, it's shock and vibration resistant and you've got one robust and reliable SSD to safely store and render your large-sized data, photos, and 4K videos[3].

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.

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Specifications

Capacity	128GB, 256GB, 512GB
Form Factor	M.2 2280
Interface	M.2 2280 SATA III (6Gb/s)
Speed	**128**GB sequential read up to 550MB/s **256**GB sequential read up to 550MB/s **512**GB sequential read up to 550MB/s IOPS: up to 90/90K
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	128GB: 60TB, 256GB: 120TB, 512GB: 480TB
DWPD	128GB: 0.46, 256GB: 0.46, 512GB: 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 550MB/s read transfer, write transfer speeds lower. Speeds based on internal testing. Actual performance may vary.

[2] Comparison based on internal testing. Actual performance may vary.

[3] 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.

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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