



Product Highlights:

- Features an industry-first integrated packaging design for superior durability with IP57 dust and water resistance, and superior shock and vibration resistance
- Faster than PCIe 4.0 2230 SSDs, with speeds up to 7400MB/s read and 6500MB/s write¹
- Uses an M.2 2030 form factor to provide a compact, lightweight solution for space-restricted systems
- Universally compatible with M.2 2230/2280 slots
- Host memory buffer and single-level cell cache technologies improve file transfers, latency, and load times
- Quick, no-hassle setup and includes an M.2 2280 bracket for added compatibility.

Capacities:

512GB
up to 7200MB/s read, 4500MB/s write¹

1TB
up to 7400MB/s read, 6400MB/s write¹

2TB
up to 7400MB/s read, 6500MB/s write¹



Built Tough. Fits All.

The Lexar® PLAY X gives gamers and creators a powerful SSD that comes with an integrated package module to provide superior durability, and lightning-fast speeds up to 7400MB/s read and 6500MB/s write to provide uncompromised performance in a miniature drive. With its M.2 form factor, this SSD can plug directly into the M.2 2230 slots of mini-PCs, laptops, and handheld game consoles. With a 2280 bracket, the PLAY X also offers universal compatibility with M.2 2280 slots without any additional tools.

Play Hard. An integrated package module is engineered for superior durability and stability with safeguards against stress that come with hours of gaming or content editing.

Faster Than PCIe 4.0 2230. Speeds up to 7400MB/s read and 6500MB/s write give everyone instant load times, faster file transfers, and smoother editing.

Ultra-Compact and Lightweight. A 2030 form factor is perfect for ultra-portable gear and provides peak performance for space-restricted systems.

One SSD to Rule Them All. Fits in a wide range of desktops, mini PCs, laptops, and game consoles to simplify expansions and upgrades. Plug directly into M.2 2230 slot, or use the included adapter to use in an M.2 2280 slot.

Supports HMB and SLC Cache. Host memory buffer (HMB) and single-level cell (SLC) cache technologies enable faster transfers and reduce latency to improve performance, game load times, and the overall user experience.

Simple Installation. It plugs right into the M.2 2230 slot, and with the included 2280 bracket, it fits in an M.2 2280 slot to give you a universal SSD that installs in moments without any tools.

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 30 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, 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.

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Specifications

Capacity	512GB, 1TB, 2TB
Form Factor	M.2 2280, M.2 2030 (compatible with M.2 2230 slot)
Interface	PCIe Gen4x4
Speed	<p>512GB: Sequential read speed up to 7200MB/s¹, sequential write speed up to 4500MB/s¹, random read up to 900K IOPs, random write up to 900K IOPs</p> <p>1TB: Sequential read speed up to 7400MB/s¹, sequential write speed up to 6400MB/s¹, random read up to 1000K IOPs, random write up to 1000K IOPs</p> <p>2TB: Sequential read speed up to 7400MB/s¹, sequential write speed up to 6500MB/s¹, random read up to 1000K IOPs, random write up to 1000K IOPs</p>
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, 1Oct/min, 30min/axis (X, Y, Z)
TBW	512GB: 300TBW, 1TB: 600TBW, 2TB: 1200TBW
MTBF	1,500,000 Hours
Dimensions (W x L x H)	80 x 22 x 2.45 mm / 3.15" x 0.87" x 0.10"
Weight	9.6g / 0.021lbs
Warranty	Five-year limited warranty

Lexar Retail SKU	Capacity	Region	Single UPC Code	Inner Carton UPC Code	Inner Carton Qty
LNMPLYX002T-RNNG	2TB	Global	843367144976	10843367144973	10
LNMPLYX001T-RNNG	1TB	Global	843367144969	10843367144966	10
LNMPLYX512G-RNNG	512GB	Global	843367144952	10843367144959	10

¹ Speeds based on internal testing. Actual performance may vary.

Lexar is not liable for any loss of data or images.

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.

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