

Brand	Lexar®
Product Name Full	Lexar® NM620 M.2 2280 PCIe Gen3x4 NVMe Solid-State Drive
Product Name Short	NM620 M.2 NVMe SSD
Product Line	Internal SSD
Marketing Text Long 25-Word Description (<750characters)	Experience next-level performance for intensive workloads with the Lexar NM620 M.2 2280 PCIe Gen3x4 NVMe SSD.
Marketing Text 50-Word Description (<750characters)	Designed for intensive workloads, the Lexar NM620 M.2 2280 PCIe Gen3x4 NVMe SSD offers next-level performance that puts you in the computing fast lane with speeds up to 3500MB/s read and 3000MB/s write ¹ . It's supported by the PCIe Gen3x4 NVMe 1.4 technology standard and built with the latest 3D NAND flash.
Bullet Feature 1	High-speed PCIe Gen3x4 interface: 3500MB/s read and 3000MB/s write ¹ - NVMe 1.4 supported
Bullet Feature 2	M.2 2280 form factor
Bullet Feature 3	Get 6x the speed of a SATA-based SSD ³
Bullet Feature 4	Ideal for PC enthusiasts and gamers
Bullet Feature 5	3D NAND
Bullet Feature 6	Features LDPC (Low-Density Parity Check)
Bullet Feature 7	Shock and vibration resistant with no moving parts ²
Bullet Feature 8	Five-year limited warranty
Footnote(s)/ Disclaimer(s)	¹ Up to 3500MB/s read transfer, write transfer speeds lower. Speeds 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. [Notes:] 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. Lexar is not liable for any loss of data or images. [Note:] [Product page only:] Product appearance, performance, software offerings, and packaging may vary depending on ship date and available inventory.

Warranty	Five-year limited warranty
Market Segment	Electronics, Computers & accessories, data storage, internal solid state drives
Category	SSD, Solid-State Drive, internal storage
Sub Category	Internal SSD, storage drive, Lexar, M.2 SSD
Keywords for Search	Lexar NM620 M.2 NVMe Solid-State Drive, Lexar NM620 M.2 PCIe Solid-State Drive , NM620 Solid State Drive, NM620 M.2 SSD, NM620 PCIe SSD, NM620 M.2 NVMe SSD, NM620 SSD, M.2 2280 SSD, M.2 SSD, NVMe SSD, storage drive, SSD, internal SSD, 256GB SSD, 512GB SSD, 1TB SSD, 2TB SSD, content, data storage, content storage, high-speed SSD, storage, secure drive, internal storage, big data, upgrade computer

Specifications	
Module Type	Internal SSD
Form Factor	M.2 2280
Interface	PCIe Gen3x4
NAND Flash	3D TLC
Sequential Read/Write	256GB —sequential read up to 3500MB/s, write up to 1300MB/s IOPS: up to 92/240K 512GB —sequential read up to 3500MB/s, write up to 2400MB/s IOPS: up to 200/256K 1TB - sequential read up to 3500MB/s, write up to 3000MB/s IOPS: up to 300/256K 2TB - sequential read up to 3500MB/s, write up to 3000MB/s IOPS: up to 350/256K
Random Read/Write	256GB —random write (4K, QD=32) up to 92/240K IOPS 512GB —random write (4K, QD=32) up to 200/256K IOPS 1TB - random write (4K, QD=32) up to 300/256K IOPS 2TB - random write (4K, QD=32) up to 350/256K IOPS
Operating Temperature	0° C to 70° C (32°F to 158°F)
Storage Temperature	-40° C to 85° C (-40°F to 185°F)
Shock	1500G, duration 0.5ms, Half Sine Wave
Power Consumption	Active write: 4118mW Active read: 3366mW (Maximum 2TB)
Vibration	10~2000Hz, 1.5mm, 20G, 1 Oct/min, 30min/axis(X,Y,Z)
TBW	256GB: 125TB, 512GB: 250TB, 1TB: 500TB, 2TB: 1000TB
DWPD	0.44
MTBF	1,500,000 Hours

Ordering information				
Single and/or Master Carton UPC (CN)				
	Part Number	Description	Single UPC	10 Pack UPC
	LNM620X256 G-RNNNC	Lexar Internal SSD NM620 PCIe G3x4 256GB, China	843367123544	10843367123541
	LNM620X512 G-RNNNC	Lexar Internal SSD NM620 PCIe G3x4 512GB, China	843367123551	10843367123558
	LNM620X001T -RNNNC	Lexar Internal SSD NM620 PCIe G3x4 1TB, China	843367123568	10843367123565
Single and/or Master Carton UPC (GLOBAL)				
	Part Number	Description	Single UPC	10 Pack UPC
	LNM620X256 G-RNNNG	Lexar Internal SSD NM620 PCIe G3x4 256GB Global	843367123148	10843367123145
	LNM620X512 G-RNNNG	Lexar Internal SSD NM620 PCIe G3x4 512GB Global	843367123155	10843367123152
	LNM620X001T -RNNNG	Lexar Internal SSD NM620 PCIe G3x4 1TB Global	843367123162	10843367123169
	LNM620X002T -RNNNG	Lexar Internal SSD NM620 PCIe G3x4 2TB Global	843367123179	10843367123176
Single and/or Master Carton UPC (NA)				
	Part Number	Description	Single UPC	10 Pack UPC
	LNM620X256G-RNNNU	Lexar Internal SSD NM620 PCIe G3x4 256GB NA	843367123834	10843367123831
	LNM620X512G-RNNNU	Lexar Internal SSD NM620 PCIe G3x4 512GB NA	843367123841	10843367123848
	LNM620X001T-RNNNU	Lexar Internal SSD NM620 PCIe G3x4 1TB NA	843367123858	10843367123855

	LNM620X002T-RNNUU	Lexar Internal SSD NM620 PCIe G3x4 2TB NA	843367123865	10843367123862
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Country of Origin	China (Global/CN SKU) Taiwan (NA SKU)
Harmonized Tariff Schedule	8471.7011.00
Compliance	CE, FCC, VCCI, C-tick

Weights and Dimensions		
Product		
Unit Weight	0.013 lbs	6g
Unit Dimensions L x W x H	3.149" L x 0.866" W x 0.088" H	80mm L x 22mm W x 2.25mm H 80mm L x 22mm W x 2.45mm H (with front label)
Image		

Retail Box (All Regions)		
Package Type	Retail Box	
Qty Per Package	1	
Shipping Weight	0.119 lbs	54g
Package Dimensions L x W x D	6.614" L x 4.133" W x 0.590" D	168mm L x 105mm W x 15 mm H
Image		

Retail Box - Inner Pack (All Regions)	
Package Type	Inner Carton

Retail Master Pack Quantity	10	
Shipping Weight	1.512 lbs	686g
Package Dimensions L x W x D	7.086" L x 6.496" W x 4.921" D	180mm L x 165mm W x 125mm D
Retail Box - Master Pack (All Regions)		
Package Type	Master Carton	
Retail Master Pack Quantity	120	
Shipping Weight	18.43 lbs	8.36kg
Package Dimensions L x W x D	20.078" L x 14.763" W x 10.826" D	510mm L x 375mm W x 275mm D