

Brand	Lexar®
Product Name Full	Lexar® NS100 2.5" SATA III (6Gb/s) Solid-State Drive
Product Name Short	NS100 2.5" SATA III (6Gb/s) SSD
Product Line	Internal SSD
Marketing Text Long 25-Word Description (<750characters)	The Lexar® NS100 2.5" SATA III (6Gb/s) solid state drive (SSD) is perfect upgrade for improving the performance on your laptop or desktop.
Marketing Text 50-Word Description (<750characters)	Improve your existing system's performance with the Lexar® NS100 2.5" SATA III (6Gb/s) solid-state drive (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 . It is also cooler, quieter uses less battery life than a traditional hard disk drive.
Marketing Text 100-Word Description (<750characters)	Boost your computers performance with optimized efficiency and durability Improve your existing system's performance with the Lexar® NS100 2.5" SATA III (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 NS100 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-2TB so you can store your all your favorite files without unnecessary slowdowns. 3-year limited warranty.
Bullet Feature 1	Upgrade your laptop or desktop computer for faster startups, data transfers, and application loads with read speeds of up to 550MB/s ¹
Bullet Feature 2	Faster performance and more reliable than traditional hard drives ²
Bullet Feature 3	Shock and vibration resistant with no moving parts ³
Bullet Feature 4	Three-year limited warranty
Footnote(s)/ Disclaimer(s)	¹Up to 550MB/s read transfer, write transfer speeds lower. Speeds based on internal testing. Actual performance may vary. ²Comparison based on internal testing. Actual performance may vary. ³Shock 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. [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	Three-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, 2.5 inch SSD
Keywords for Search	Lexar NS100 2.5" SATA III (6Gb/s) Solid-State Drive, NS100 Solid-State Drive, NS100 2.5" SSD, NS100 SATA III SSD, NS100 SATA 6Gb/s SSD, NS100 SSD, storage drive, SSD, internal SSD, 128GB, 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/ Form Factor	Internal SSD 2.5" disk drive
Interface	SATA III (6Gb/s)
Capacities and Speed	128-256GB — sequential read up to 520MB/s 512GB - 2TB — sequential read up to 550MB/s
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
Vibration	10~2000Hz, 1.5mm, 20G, 1 Oct/min, 30min/axis(X,Y,Z)
TBW	128GB: 60TB, 256GB: 120TB, 512GB: 240TB, 1TB: 480TB, 2TB: 960TB
DWPD	128GB:0.46, 256GB: 0.46, 512GB: 0.46, 1TB: 0.46, 2TB: 0.46

Ordering information				
Single and/or Master Carton UPC (NA)	Part Number	Description	Single UPC	10 Pack UPC
	LNS100-128RBNA	Lexar Internal SSD NS100 2.5" VAL SATA 128G, NA	843367116218	10843367116215
	LNS100-256RBNA	Lexar Internal SSD NS100 2.5" VAL SATA 256G, NA	843367116225	10843367116222
	LNS100-512RBNA	Lexar Internal SSD NS100 2.5" VAL SATA 512G, NA	843367116232	10843367116239
	LNS100-1TRBNA	Lexar Internal SSD NS100 2.5" VAL SATA 1TB, NA	843367117239	10843367117236

	LNS100-2TRBNA	Lexar Internal SSD NS100 2.5" SATA 1TB, NA	843367120765	10843367120762
--	---------------	--	--------------	----------------

Single and/or Master Carton UPC (GL)	Part Number	Description	Single UPC	10 Pack UPC
	LNS100-128RB	Lexar Internal SSD NS100 2.5" VAL SATA 128G, Global	843367116188	10843367116185
	LNS100-256RB	Lexar Internal SSD NS100 2.5" VAL SATA 256G, Global	843367116195	10843367116192
	LNS100-512RB	Lexar Internal SSD NS100 2.5" VAL SATA 512G, Global	843367116201	10843367116208
	LNS100-1TRB	Lexar Internal SSD NS100 2.5" VAL SATA 1TB, Global	843367117222	10843367117229
	LNS100-2TRB	Lexar Internal SSD NS100 2.5" SATA 2TB, Global	843367120758	10843367120755

Single and/or Master Carton EAN (JP)	Part Number	Description	Single EAN	10 Pack EAN
	LNS100-128RBJP	Lexar Internal SSD NS100 2.5" VAL SATA 128GB, Japan	4895217902621	14895217902628
	LNS100-256RBJP	Lexar Internal SSD NS100 2.5" VAL SATA 256GB, Japan	4895217902638	14895217902635
	LNS100-512RBJP	Lexar Internal SSD NS100 2.5" VAL SATA 512GB, Japan	4895217902768	14895217902765
	LNS100-1TRBJP	Lexar Internal SSD NS100 2.5" VAL SATA 1TB, Japan	4895217903055	14895217903052

	Part Number	Description	Single UPC	10 Pack UPC
--	--------------------	--------------------	-------------------	--------------------

Setup Sheet
NS100 2.5" SATA III (6Gb/s) Solid-State Drive



Single and/or Master Carton UPC (CN)	LNS100-128RBCN	Lexar Internal SSD NS100 2.5" VAL SATA 128G RB, China	843367105243	10843367105240
	LNS100-256RBCN	Lexar Internal SSD NS100 2.5" VAL SATA 256G RB, China	843367105267	10843367105264
	LNS100-512RBCN	Lexar Internal SSD NS100 2.5" VAL SATA 512G RB, China	843367105281	10843367105288
	LNS100-1TRBCN	Lexar Internal SSD NS100 2.5" SATA 1TB, China	843367120772	10843367120779
	LNS100-2TRBCN	Lexar Internal SSD NS100 2.5" SATA 2TB, China	843367120789	10843367120786
Country of Origin	China			
Harmonized Tariff Schedule	8471.7011.00			
Compliance	CE, FCC, VCCI, C-tick			

Weights and Dimensions		
Product		
Unit Weight	0.075lbs	34g
Unit Dimensions L x W x H	3.94" L x 2.75" W x 0.28" H	69.85mm L x 100.2mm W x 7mm H
Image		
Retail Box (All Regions)		
Package Type	Retail Box	
Qty Per Package	1	
Shipping Weight	0.141 lbs	0.063kg
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

Setup Sheet
NS100 2.5" SATA III (6Gb/s) Solid-State Drive



Image	128GB Lexar NS100 2.5" SATA 6Gb/s SSD  256GB Lexar NS100 2.5" SATA 6Gb/s SSD  512GB Lexar NS100 2.5" SATA 6Gb/s SSD  1TB Lexar NS100 2.5" SATA 6Gb/s SSD 			
	Retail Box - Master Pack (NA, and GL)			
Package Type	Master Carton			
Retail Master Pack Quantity	10			
Shipping Weight	1.664 lbs	0.755 kg		
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		