



2022 NX 350h Specifications

EXTERIOR DIMENSIONS		
Wheelbase		105.91in.
Overall Length		183.5 in.
Overall Width		73.4 in.
Overall Height (unloaded)		65.8 in.
Tread Width	- Front	63.2 in.
	- Rear	64.0 in.
Ground Clearance		7.7 in.
Approach Angle		16 deg.
Departure Angle		25 deg.

INTERIOR DIMENSIONS		
Seating Capacity		5
Headroom	- Front	38.3 in. (w/o moonroof) 37.1 in. (w/ moonroof) 37.1 in. (w/ panoramic moonroof)
	- Rear	38.5 in. (w/o moonroof) 38.1 in. (w/ moonroof) 37.4 in. (w panoramic moonroof)
Legroom	- Front	41.0 in.
	- Rear	36.1 in.
Shoulder Room	- Front	56.3 in.
	- Rear	54.0 in.
Hip Room	- Front	56.3 in.
	- Rear	52.5 in.
Cargo Volume	- Rear seats up	22.7 cu. ft.
	- Rear seats folded down	46.9 cu. ft.

WEIGHTS AND CAPACITIES		
Curb Weight		4,080 lbs.
Gross Vehicle Weight		5,245 lbs.
Max Towing Capacity		2,000 lbs.
Fuel Capacity		14.53 gal.



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ENGINE	
Type, Materials	In-line 4-cylinder aluminum
Designation	A25A-FXS
Valvetrain	DOHC 16-valve Chain Drive
Displacement	151.8 cu. in. 2.5 liter in-line 4-cylinder
Bore x Stroke	3.44 in. x 4.07 in. (87.5 mm x 103.4 mm)
Compression Ratio	14:1
Horsepower	189 hp @ 6,000 rpm
Fuel System	Electronic Fuel Injection (EFI)- SFI (D-4S)
Fuel Requirement	91-octane or higher unleaded (recommended)
Emission Certification	--

HYBRID POWER SYSTEM	
Type	Series/parallel system with gas engine, high-voltage battery and electric motors
Total System Power	239 hp
Total Max Output	179 kW
Motor Generator 1 (MG1)	- Function Generator, engine starter, charges hybrid battery
	- Type Permanent magnet motor
Motor Generator 2 (MG2)	- Function Drives front wheels, regeneration during braking
	- Type Permanent magnet motor
Motor Generator Rear* (MGR)	- Function Drives rear wheels, regeneration during braking
Hybrid Battery Pack Type	Lithium-ion Battery
Nominal Voltage	259V
Number of Battery Cells	70

*AWD model only

DRIVETRAIN	
Layout	Front engine, full-time all-weather drive (AWD)
Transmission Type	Electronically Controlled Continuously Variable Transmission (ECVT); planetary gear unit for gear reduction and power splitting, electronic all-or front-wheel-drive control system
Designation	P810
Differential Ratio (Front/Rear)	-- / 10.781



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CHASSIS AND BODY	
Body/Frame	Unitized steel
Suspension	- Front MacPherson strut type - Rear Trailing arm type double-wishbone
Steering	- Type Electric Power Steering (EPS) - Turns (lock to lock) 2.35 - Turning Radius (wall to wall) 19 ft. - Turning Radius (curb to curb) 20 ft.
Brakes	- Front - type, diameter/thickness Ventilated Disc, 12.91 in. / 1.1 in. - Rear - type, diameter/thickness Ventilated Disc, 12.48 in. / 0.71 in.
Anti-lock Braking System	4-channel, 4-sensor
Wheel Size/Type	18 (standard) 20 in. (stand-alone option, standard on Luxury)
Tire Size/Type	235/60R18 (standard) 235/50R20 (optional)
Spare Tire/Wheel	None- Run Flat Tires

PERFORMANCE	
0-60 mph Acceleration (mfg. results)	7.2 sec.
Top Track Speed	124 mph (200 km/hr.)
Lexus Estimated Fuel Economy* (City/Hwy/Combined)	41/37/39
Coefficient of Drag	0.35 (18" wheels) 0.37 (20" wheels)

* Actual mileage will vary.