



2019 NX 300h Specifications

Notes: All specs are for both all-weather drive (AWD) and front-wheel drive (FWD) unless otherwise noted.

EXTERIOR DIMENSIONS	
Wheelbase	104.7 in.
Overall Length	182.3 in.
Overall Width	73.6 in. (mirrors folded) 83.9 in. (mirrors unfolded)
Overall Height (unloaded)	64.8
Tread Width	- Front 62.2 in.
- Rear	62.2 in.
Ground Clearance	6.7 in.
Approach Angle	28.7 deg.
Departure Angle	24.5 deg.

INTERIOR DIMENSIONS	
Seating Capacity	5
Headroom	- Front 38.2 in. (w/o moonroof) 37.4 in. (w/ moonroof)
- Rear	38.1 in. (w/o moonroof) 38.1 in. (w/ moonroof)
Legroom - Front	42.8 in.
- Rear	36.1 in.
Shoulder Room - Front	57.3 in.
- Rear	55.3 in.
Hip Room	- Front 55.1 in.
- Rear	53.9 in.
Total Interior Volume	71.6 cu. ft. (w/o moonroof) 70.8 (w/moonroof)
Cargo Volume	- Rear seats up and rearmost 16.8 cu. ft.
- Rear seats folded down	53.7 cu. ft.

WEIGHTS AND CAPACITIES	
Curb Weight	4,180 lbs.
GVWR	5,335 lbs.
Max Towing Capacity	1,500 lbs.
Fuel Capacity	14.8 gal.



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ENGINE	
Type, Materials	In-line 4-cylinder aluminum block and heads
Designation	2AR-FXE
Valvetrain	DOHC 16-valve Dual VVT-i
Displacement	2.5 liter in-line 4-cylinder with Atkinson cycle
Bore x Stroke	3.54 in. x 3.86 in. (90.0 mm x 98.0 mm)
Compression Ratio	12.5:1
Horsepower	154 hp @ 5,700 rpm
Torque	152 lb.-ft. @ 4,400 rpm
Fuel System	Electronic Fuel Injection
Fuel Requirement	87-octane or higher unleaded
Emission Certification	SULEV
HYBRID POWER SYSTEM	
Type	Series/parallel system with gas engine, high-voltage battery and electric motors
Total System Power	194 hp
Motor Generator 1 (MG1) - Function	Generator, engine starter, charges hybrid battery
- Type	Permanent magnet motor
- Max. voltage	AC 650V
Motor Generator 2 (MG2) - Function	Drives front wheels, regeneration during braking
- Type	Permanent magnet motor
- Max. voltage	AC 650V
- Max. output	141 hp (105 kW)
Motor Generator Rear* (MGR) - Function	Drives rear wheels, regeneration during braking
- Max voltage/output	AC 650V 67 hp (50kW)
Hybrid Battery Pack Type	Sealed Nickel Metal Hydride (Ni-MH) - 204 cells
Nominal Voltage	244.8V

*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	P314
Differential Ratio	3.542



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CHASSIS AND BODY	
Body/Frame	Unitized steel
Suspension - Front	MacPherson strut, coil springs
- Rear	Trailing arm type double wishbone type, coil springs
Steering - Type	Electric Power Steering (EPS)
- Turns (lock to lock)	2.68
- Turning Circle (wall to wall)	19.9 ft.
Brakes - Front - type/diameter	Ventilated Disc
- Rear - type/diameter	Disc
Anti-lock Braking System	4-channel, 4-sensor
Wheel Size/Type	17 x 7.0 in. (standard) 18 x 7.5 in. (stand-alone option, standard on Premium)
Tire Size/Type	225/65R17 (standard) 225/60R18 (optional)
Spare Tire/Wheel	T165/80D17 Compact spare

PERFORMANCE	
0-60 mph Acceleration (mfg. results)	9.1 sec.
Top Track Speed	112 mph - electronically limited
Lexus Estimated Fuel Economy* (City/Hwy/Combined)	33/30/31
Coefficient of Drag (Cd)	0.34

* Actual mileage will vary.