



2015 NX 300h Product Information

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	4,055 lbs. (FWD) 4,180 lbs. (AWD)
GVWR	5,145 lbs. (FWD) 5,335 lbs. (AWD)
Max Towing Capacity	1,500 lbs. (AWD only)
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	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), or front engine, front-wheel drive (FWD)
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	3.750 (FWD) 3.542 (AWD)



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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. (AWD) 9.1 sec. (FWD)
Top Track Speed	112 mph – electronically limited
Lexus Estimated Fuel Economy* (City/Hwy/Combined)	33/30/32 (AWD) 35/31/33 (FWD)
Coefficient of Drag (Cd)	0.34

* Actual mileage will vary.



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STANDARD EXTERIOR FEATURES

Overall Exterior Styling/Body Design

- 17-inch ten-spoke aluminum wheels
- 225/65R17 tires
- Door handle design with LED illumination (all four doors)
- Heated side mirrors with integrated LED turn signal lamps
- Integrated rear spoiler
- LED headlamps, front fog lamps, brake lamps and DRLs
- Rear privacy glass
- Shark fin antenna

Body Structure and Paint

- Acoustic glass windshield to reduce noise- UV-reducing glass used for all windows
- Exterior colors (8): Atomic Silver, Eminent White, Fire Agate Pearl, Matador Red Mica, Meteor Blue Mica, Nebula Gray Pearl, Obsidian, Silver Lining Metallic
- Highly rigid body, monocoque construction
- Sound insulation placed in door panels, instrument panel and floor mats, engine compartment, dash panel, cabin

Convenience Features

- Auto on/off headlamps
- SmartAccess key system (all five doors)
- Variable intermittent windshield wipers

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STANDARD INTERIOR FEATURES

Interior Trim

- Carpeted floor mats (carpeted trunk mat optional)
- Coat hooks (two in the rear)
- Contrast stitching – light gray
- Dark Umber interior trim pieces
- Leather-trimmed three-spoke steering wheel and shift knob
- NuLuxe colors: Crème, Flaxen or Black
- Sun visors with extensions and illumination vanity mirrors

Seats and Cargo Area

- 10-way power driver's and 8-way front passenger's seats: fore-aft slide; fore-aft recline; front vertical height; rear vertical height and power lumbar support (driver's seat only)
- Rear center arm rest with dual cup holders and storage box
- Reclining fold-down rear seats with 60/40-split
- Storage compartment near center console for sunglasses
- Tonneau cover (fold and stow)

Instrumentation and Controls

- 4.2-inch TFT LCD multi-information display (audio, fuel consumption, mileage, outside temperature, odometer, tire pressure, turn by turn navigation, shift position and tripmeter)
- Gated automatic transmission shifter with sequential shift
- Scheduled and oil maintenance indicator light

Convenience Features

- 12-volt power outlets (2): center console box (1) and cargo area (1)
- Assist grips (4): two front, two rear
- Automatic dual-zone climate control
- Center console with two cup holders with grips and storage bin
- Dust and pollen particle and deodorizing interior air filter
- Electrochromic rearview inner mirror
- Foot lights
- Front and rear map lights; cargo area light
- Front seatback pockets
- Illuminated glove box glove box locks
- Manual front seatbelt anchor height adjusters



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STANDARD INTERIOR FEATURES – CONT.

- Power tilt-and-telescopic steering column
- Power door locks with anti-lock-out feature
- Power windows with one-touch auto up/down feature with jam protection for all windows
- Rear air conditioning vents mounted on rear of center console
- Siri® Eyes Free Mode – (iPhone 4S, iPhone 5)
 - Call contacts
 - Select and play music from iTunes
 - Hear and compose text messages and emails
 - Hear sports scores, stock info. and weather
 - Use maps and get directions (turn-by-turn navigation can be requested through Siri and Apple maps); map displayed on phone screen
 - Perform POI searches
 - Requested search info. read back to driver over vehicle audio system (iPhone screen remains blank)
 - Read notifications
 - Read calendar information; Add reminders, calendar appointments and notes
- Soft touch LED dome light and spot lights
- Steering wheel audio controls, hands-free telephone, voice recognition, multi-information display, dynamic radar cruise control, Lane Departure Alert, cruise control and paddle shifters.

STANDARD AUDIO SYSTEM

Lexus Display Audio

- 8 speakers
- AM/FM/HD Radio
- Bluetooth® audio streaming from compatible devices and hands free
- CD player
- Full digital power amplifier (class D)
- Integrated SiriusXM® Satellite Radio receiver (90-day All-Access trial subscription included)
- USB/iPod® control (1)

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MULTIMEDIA

- Home screen can be divided into 1-3 sections (customizable – HVAC, audio, navigation)
- Seven-inch screen
- Navigation
- 3D maps; with city view mode
- 3D buildings; key buildings/landmarks
- My traffic routes; preset frequently used routes, ETA for routes
- Speed limit display on road traveled
- ETA calculation improved (speed limit, current traffic, predictive traffic data)
- Traffic detour preview; alternate route options offered when traffic becomes heavy
- Predictive traffic; provides view of traffic ahead based on Inrix data (15, 30 and 45 minute increments)
- MID data sharing; content from headunit displayed in MID (e.g. song information, NAV turn by turn direction, call info.)
- Voice Recognition
- One-shot address entry
- Steering wheel control of onboard/offboard voice recognition
- Voice Recognition Guidance Level; ability to choose voice prompt level (High/Low/Off)
- Hint screens
- Cache Radio; ability to pause live AM/FM radio and HD Radio (15 minutes later)
- Hybrid Data Service
- Traffic and Weather data provided via HD Radio (free to all users while in HD Radio range)
 - Standard Display Audio has basic traffic map and weather forecast
 - Navigation-equipped vehicles have up to date and predictive traffic, Doppler weather and weather forecast
 - Navigation equipped vehicles w/Lexus Enform App Suite can continue to receive data outside of HD Radio range (switches to cellular connectivity when outside of HD Range)

STANDARD MECHANICAL FEATURES

- Drive Mode Select (Normal, Eco, EV, Sport)
- Electronic parking brake
- Vehicle Proximity Notification System

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STANDARD SAFETY AND SECURITY**Safety**

- Advanced technology airbag system Supplemental Restraint System (SRS) for driver and front passenger:
 - Driver dual-stage airbag uses factors including crash severity and seat track position to choose one of three possible deployment speeds.
- Front passenger dual-stage twin-chamber airbag uses crash severity sensors to choose one of two deployment speeds. Airbag is designed to not deploy for passengers under 68.3 lbs or when child seat is detected.
- Driver knee airbags
- Front side airbags
- Front and rear side curtain airbags
- ALR/ELR seat belt retractors on all outboard seating positions except driver (ELR only)
- Force-limiting seatbelt pre-tensioners for the driver's and front passenger's seats
- Three-point seatbelts with pre-tensioners for outboard rear seating positions
- Four-sensor, four-channel Anti-lock Braking System (ABS) with Brake Assist (BA) and Electronic Brake force Distribution (EBD)
- Back-up camera with dynamic grid lines
- LED Daytime Running Lights
- Hot stampe high-tensile strength sheet steel components
- Side impact door beams
- Tire specific pressure monitoring system
- Traction Control (TRAC)
- Vehicle Stability Control (VSC) with cut-off switch

Security

- Entry system with lock, two-stage unlock, trunk open and "panic" features, volume-adjustable confirmation tone and rolling code technology
- Headlight off delay feature
- Lexus Enform Safety Connect with Automatic Collision Notification, Stolen Vehicle Location, Emergency Assist Button, and Enhanced Roadside Assistance (complimentary one-year trial subscription included)
- Multi-function SmartAccess remote with engine immobilizer
- Remote-activated/key-linked illuminated entry: dome light and ignition key cylinder ring illuminate when doors are unlocked
- Vehicle theft-deterrent system



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FACTORY OPTIONS

- 18-inch wheels with All-Season 225/60R18 tires
- Blind Spot Monitor (DSM) with Rear Cross Traffic Alert (RCTA)
- Heated/ventilated seats
- Heated steering wheel
- Intuitive Park Assist
- Moonroof
- Premium LED headlamps
- Pre-Collision System (PCS) with all speed cruise control
- Power back door
- Power fold rear seat (requires Luxury package)
- Wireless charging tray for select mobile phones (Qi compatible)- may require sleeve for phone
- Navigation Package
 - 2 additional speakers (including subwoofer)
 - Advanced casual-language voice recognition system
 - SD Navigation
 - Lexus Enform App Suite (subscription free): Bing™, Yelp®, iHeartRadio™, Facebook Places™, Movietickets.com™, OpenTable®, Pandora®, Stocks, Fuel Prices, Sports
 - Lexus Enform Destination Services: Destination Assist, and eDestination (one-year trial subscription included, requires Lexus Enform SafetyConnect)
 - Lexus Enform Remote: Allows customers to remotely view and control certain aspects of their Lexus vehicle via a mobile application for iOS and Android smartphone users. Lexus Enform Remote application is separate from Lexus Enform App Suite application (not on head unit). Requires Lexus Enform Safety Connect and Lexus Enform Remote subscription (one-year trial subscription included) Customers must register for service. Provides: Ability to use with multiple Lexus vehicles; email and push notifications; Guest Driver Monitor; Remote Door Lock/Unlock; Remote Pre-HVAC; Vehicle Finder; Vehicle Status Report; Vehicle Alerts.
 - Lexus Insider™
 - Remote Touch Interface with touch pad
- Premium Package
 - 18-inch wheels and tires
 - Electrochromic outside mirrors
 - Heated/ventilated front seats
 - Moonroof
 - Upgraded DRLs and turn signals
- Luxury Package (includes Comfort and Premium Package)
 - Heated steering wheel
 - Leather-trimmed seats in Crème or Black
 - Linear Mocha wood trim
 - Power back door
 - Rain sensing wiper
 - Tow package (1,500 lb, AWD only)