

2024 LINCOLN NAUTILUS

# TECHNICAL SPECIFICATIONS



## BODY

Construction	Unitized body
Final Assembly Location	Changan Hangzhou Assembly Plant

## ENGINE

Type	Turbocharged 2.0L I-4 Engine	Turbocharged 2.0L I-4 Engine (HEV)
Bore x Stroke	3.4 in x 3.27 in	3.4 in x 3.27 in
Valvetrain	DOHC 16-valve	DOHC 16-valve
Compression Ratio	10.0:1	10.0:1
Targeted Horsepower*	250 @ 5,500	310 @ 5,500
Targeted Torque*	275 @ 3,000	N/A
Fuel Capacity	20 gallons	20 gallons
Targeted Fuel Delivery	Direct Injection	Direct Injection
Fuel Economy Ratings	TBD	TBD

## DRIVETRAIN & TRANSMISSION

Layout	Eight-Speed Automatic	Continuously Variable
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## GEAR RATIOS

	2.0 GAS	2.0 HEV
First	4.689	CVT
Second	3.306	CVT
Third	3.012	CVT
Fourth	1.923	CVT
Fifth	1.446	CVT
Sixth	1.00	CVT
Seventh	0.47	CVT
Eighth	0.617	CVT
Reverse	-2.96	CVT
Final Drive Ratio	3.805	3.37

## SUSPENSION

	2.0L - 19"/20"	2.0L - 21"/22"
Front	Independent, MacPherson struts with coil springs and stabilizer bar, twin-tube hydraulic gas-pressurized shocks. 80mm hydro front lower control arm bushings.	Independent, MacPherson struts with coil springs and stabilizer bar, Continuous Control Damping shocks (CCD). 80mm hydro front lower control arm bushings.
Rear	Independent, short long arms suspension (SLA) with lateral semi-trailing arms, stabilizer bar, coil spring and mono-tube hydraulic gas-pressurized shocks. 80mm rear subframe isolated bushings.	Independent, short long arms suspension (SLA) with lateral semi-trailing arms, stabilizer bar, coil springs and Continuous Control Damping shocks (CCD). 80mm rear subframe isolated bushings.

\*Horsepower and torque ratings based on premium fuel per SAE J1349® standard. Your results may vary.



## STEERING

Type	Electronic Power-Assisted Steering (EPAS)	
Steering column	Power-tilt/-telescoping steering column with memory	Power-tilt/-telescoping steering column with memory
Ratio	16.5:1 (on center)	16.5:1 (on center)
Turning to Diameter, Curb-to-curb, FT	37.5 (overall)	37.5 (overall)

## BRAKES

Type	4-Wheel Anti-Lock Brake System (ABS)	
Front	345 x 28 mm rotor diameter	
Rear	320 x 11 mm rotor diameter on ICE	
	320 x 11 mm rotor diameter on HEV	

## WHEELS AND TIRES

Wheel sizes and type Standard	19-Inch Premium Painted Bright-Machined Aluminum (Premiere)	21-Inch Bright-Machined with Tarnished Dark Painted Pockets (Reserve) 22-Inch Bright-Machined with Ebony Painted Pockets (Black Label)
Tire Size	19-Inch All-Season BSW tire - P255/60R19 (Premiere)	21-Inch All-Season BSW tire - P255/50R21 (Reserve) 22-Inch All-Season BSW tire - P255/45R22 (Black Label)
Wheel sizes and type Optional	20-Inch Bright-Machined with Carbonized Painted Pockets (Premiere with Jet Appearance Package)	21-Inch Finish Bright-Machined with Ebony Painted Pockets (Reserve) 22-Inch Satin Dark Luster Nickel with Satin Chrome Inserts (Reserve/Black Label with Jet Appearance Package)
Tire Size for Optional wheels	20-Inch All-Season BSW tire - P255/55R20 (Premiere with Jet Appearance Package)	21-Inch All-Season BSW tire - P255/50R21 (Reserve) 22-Inch All-Season BSW tire - P255/45R22 (Reserve/Black Label with Jet Appearance Package)

## DIMENSIONS (INCHES)

EXTERIOR		LEG ROOM	
Wheelbase	114.2	Front Seats (Max.)	43.5
Overall Length	193.2	Rear Seats	43.1
Overall Height	68.2	SHOULDER ROOM	
Width with mirrors	85.4	Front Seats	58.9
Width with mirrors folded	79.8	Rear Seats	58.0
Track Width (F/R)	65.2/65.3	HIP ROOM	
		Front Seats	56.8
INTERIOR		Rear Seats	56.3
Seating Capacity	5	HEAD ROOM	
		Front Seats (Premiere/Reserve & Black Label)	39.6/39.1
		Rear Seats (Premiere/Reserve & Black Label)	39.8/38.4

## WEIGHTS AND CAPACITIES

Base Curb Weight	2.0 Gas - 4,349 lbs. 2.0 HEV - 4,517 lbs.	
Cargo Volume Behind Front Seats	71.3 cu. ft. (Premiere)	68.8 cu. ft. (Reserve/Black Label)
Cargo Volume Behind Rear Seats	36.4 cu. ft. (Premiere)	35.2 cu. ft. (Reserve/Black Label)
Total Passenger Volume	113.5 cu. ft. (Premiere)	110.8 cu. ft. (Reserve/Black Label)
Towing Capacity	Optional: Trailer tow package – towing capability 1,750 lbs.	

## EXTERIOR COLORS

Silver Radiance

Infinite Black

Chroma Caviar Dark Gray (Black Label only)

Red Carpet

Lustrous Gray

White Platinum

Blue Panther

Diamond Red

## INTERIOR COLORS

Black Onyx/Medium Light Space Gray

Light Smoke Truffle

Black Onyx (Jet Package Exclusive)

Black Onyx/Allura Blue

## BLACK LABEL INTERIOR THEME

### Chalet Theme

Applique -- Silverwood with Logo decal

Leather-Wrapped Interior -- Alpine Leather

Seats -- Alpine Venetian leather seating surfaces with Lincoln Star Perforations

Headliner -- Cashmere

Floor Carpet/Mats -- Espresso with Metal Cuff Accent

### Redwood Theme

Applique -- Herringbone Marquetry Walnut

Leather-Wrapped Interior -- Harvest Bronze with Dark Smoked Truffle

Seats -- Harvest Bronze with Suede Inserts and Black Label Unique Perforation

Headliner -- Dark Smoked Truffle Suede

Floor Carpet/Mats -- Dark Smoked Truffle with Metal Cuff Accent

## STANDARD FEATURES

### MECHANICAL

Active Noise Control

Brakes – 4-Wheel Disc (ABS)/ESP w/Electric Brake Boost

Auto Brake Hold

Mechanical Brake Pad Wear Indicator (MPWI)

Drive Ratio

– 3.81 – Requires engine 2.0L Turbocharged I-4

– 3.37 – Requires engine 2.0L Turbocharged I-4 HEV

Electronic Parking Brake

Engine – 2.0L Turbocharged I-4 Engine

Transmission – Eight-Speed Automatic

– Requires Engine (2.0L Turbocharged I-4)

Transmission – CVT Automatic Transmission Power Split Electric

– Requires Engine (2.0L Turbocharged I-4 HEV)

Torque Vectoring Control

Steering: Electric Variable Assist Power (EPAS)

### EXTERIOR

Antenna: Integrated in Spoiler/Rear Quarter Glass

Illuminated Door Handles

Bright DLO Molding

Unique Dynamic Signature LED Daytime Running Lamps with Fade-On & Fade-Off

Dual Chrome Exhaust Tips

Easy Fuel® Capless Fuel Filler Non-Locking

Capless Fuel with Electric Release – Available with 2.0L Turbocharged I-4 HEV

Standard Fender Badge

HEV Fender/Door Badge with Spirit Blue lettering – Available with 2.0L Turbocharged I-4 HEV engine

### EXTERIOR (Continued)

Fuel Tank – 20-Gallons

Fuel Tank – 20-Gallons – Available with 2.0L Turbocharged I-4 HEV

Glass

– Acoustic Laminated Windshield and First Row Glass (includes Enhanced Window Anti-Fogging System sensor)

– Privacy Glass – Tinted Second Row, Rear Quarter and Liftgate

Grille

– Upper – Plated Satin Chrome Finish

– Lincoln Star logo with Spirit Blue inserts – Available with 2.0L Turbocharged I-4 HEV engine

Lincoln Embrace

– Autofold Power Sideview Mirrors

– Illuminated Door Handle Pockets

– Lincoln Approach Detection System

– Lincoln Welcome Mat

– Signature Lighting Fade On/Off

– Welcome/Farewell Elements

Power Liftgate

Exterior Pillar Applique

Rear Window Washer/Wiper

Wheel Arch Moldings – Molded in Color

Wheels/Tires

– 19" Premium Painted Bright Machined Aluminum Wheel

– 19" All-Season BSW Tire – P255/60R19

18" Mini Spare Wheel and Tire

**INTERIOR/COMFORT**

11.1" Configurable Touch screen

Selectable Themes

- Constellation
- Engage
- Inspire
- Tranquil

Electromechanical Registers

Cargo Management System/Cargo Load Floor

- Storage Bin
- Trunk Carpet

Console

- Front with Armrest and Storage
- Overhead with Sunglasses Holder

Covered Console Cupholders – Two (2)

Dual-Zone Climate Control

Floor Mats (Carpet) – First and Second Rows

Frameless Rearview Mirror – Auto-Dimming

Front and Rear Door Scuff Plate

Grab Handles

- Driver and Front Passenger
- Second Row with Coat Hooks

Premium Ambient Light

- Media Bin Light
- Main Storage Bin Light
- Map Pocket Light
- Rear Door Puddle Light
- IP Footwell Lights – Front Row
- Underseat Footwell Lights – Second Row
- Surface Lights – Front Door

LED Map Lights

LED Reading Lamps – Second Row

LED Load Compartment Light

Power Door Locks

Lincoln Unique Steering Wheel

- Leather-Wrapped
- Power Tilt/Telescoping Steering Column with Memory
- Speed, Redundant Audio, Climate and Media Controls

Glove Box – Damped, Lighted

Tachometer

- Trip Odometer
- Message Center
- Compass
- Outside Temperature Display

Powerpoints

- Two (2) – USB Ports in Front Media Bin
- Two (2) – Second-Row USB Ports
- Two (2) – 12V Auxiliary Ports in Main Bin, and Cargo Area

Piano Key Shifter

Rear Spoiler

Sunvisor – Dual Driver and Passenger Illuminated

Steering Wheel

- Heated

Windows

- Power Windows with Front and Rear One-Touch Up/Down Feature

**INTERIOR/COMFORT** (Continued)

Seats

- First Row – Lincoln Soft Touch
  - Driver 10-Way and Passenger 8-Way Passenger Comfort Seats
  - Driver and Passenger Heated and Ventilated Cooled Seats
  - Power Driver and Passenger with 2-way Power Lumbar
  - Front 4-Way Head Restraint
  - Driver Seat Memory
- Second Row – Lincoln Soft Touch
  - 60/40 Split EasyFold® Seats

**SAFETY/SECURITY**

Active Noise Control

AdvanceTrac® with RSC® (Roll Stability Control™)

Airbags

- Driver and Front Passenger Dual-Stage
- Driver and Passenger Knee
- Inflatable Knee Bolster
- Side-Curtain with Rollover Sensor – Safety Canopy® System

Audible Vehicle Alert System (AVAS) – Only Available with 2.0L Turbocharged I-4 HEV engine

Belt-Minder® – Front Row (front safety belt reminder)

Rear Seat Belt Reminder

Rear Seat Belt Pre-Tensioner

Height Adjustable Safety Belts – First Row

Child Safety Rear Door Locks – Power

Dual-Note Electric Horn

Headlamps

- Auto Headlamp Control
- Adaptive LED Headlamps
- Lincoln Dynamic Signature Lighting
  - LED Daytime Running Lamps with Fade-On & Fade-Off
- LED Taillamps
- LED Rear Applique Lamps
- Wiper-Activated

LATCH (Lower Anchors and Tethers for Children) on Rear Outboard Seat Positions

Cargo Tie-Down Hooks

Mirrors – Sideview

- Autofold
- Auto Tilt Reverse
- Body-Color Caps
- Blind Spot Information System w/Cross-Traffic Alert with Camera
- Dual Power
- Heated
- LED Turn Signal Indicators
- Memory
- Security Approach Lamps

Enhanced Security System

- Enhanced Valet Mode
- Lockable Interior Storage
- Secondary Horn
- Vehicle Inclination and Intrusion Sensor

Panic Alarm

Rear Window Defroster

Rear Occupant Alert

Remote Keyless Entry/Start with Illuminated Keypad

Remote Window Control

SecuriCode™ Keyless Entry Keypad

SOS Post-Crash Alert System™

Frequency – 433 MHZ with Tire Pressure Monitoring System

## STANDARD FEATURES (Continued)

### LINCOLN CO-PILOT360™ Vision 2.2

Auto High Beams

Active Park Assist 2.0

Intelligent Adaptive Cruise Control

- Stop and Go
- Lane Centering Assist
- Predictive Speed Assist

Blind Spot Information System w/ Cross-Traffic Alert

Exit Warning

Distance Indication and Alert

Evasive Steer Assist

Front Parking Aid

Lane-Keeping System with Blind Spot Assist

- Driver Alert
- Lane-Keeping Aid
- Lane-Keeping Alert
- Road Edge Detection

Pre-Collision Assist with Automatic Emergency Braking

- Dynamic Brake Support
- Forward Collision Warning
- Intersection Assist 2.0
- Pedestrian Detection
- Post Collision Braking

Rear Cross Traffic Braking

360-Degree Camera

Rear Parking Sensors

Reverse Brake Assist

### LINCOLN BLUECRUISE

Lincoln BlueCruise 1.2

- Lane Change Assist
- In-Lane Repositioning

**Note:** 90-Day Trial On Nautilus Premiere (101A) and Reserve (201A) with 4 Years of Connected Service Included on Premiere (102A), Reserve (202A/203A) and Lincoln Black Label Nautilus Lincoln BlueCruise 1.2 The Client has the option to continue service post 90-Day trial of Connected Service on Premiere (101A) and Reserve (201A).

### ADVANCED DRIVER ASSIST SYSTEMS

Auto Hold

Automatic Headlamps (automatic on/off)

Post Collision Braking

### FUNCTIONAL

Audio Noise Control

Electric Power-Assisted Steering (EPAS)

Intelligent Access with Push-Button Start

## AVAILABLE FEATURES

Auto Air Refresh

Digital Scent

- Violet Cashmere
- Mystic Forest
- Ozonic Azure

Hands-Free Liftgate

Panoramic Vista Roof®

Heated Rear Outboard Seats

Revel® Audio System with 14-Speakers

110V Power Converter

## FUNCTIONAL (Continued)

Audio

- 10-Speakers including Subwoofer
- SiriusXM® with 360L
  - Super Categories / Live Sports Categories
  - “For You” Recommendations
  - SiriusXM® Listener Profiles

**Note:** Includes a three (3)-month prepaid subscription. Service is not available in AK/HI\*

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Lincoln Connect™ 1

- 5G LTE Wi-Fi® Hot Spot connects up to 10 devices2
- Remotely Start, Lock and Unlock Vehicle
- Schedule Specific Times to Remotely Start Vehicle
- Locate Parked Vehicle
- Check Vehicle Status
- Enables Lincoln Way™ App Remote Features (when activated)
- Lincoln Way™ App includes:
  - Find Parking
  - Pre-Conditioning (schedule Remote Start)
  - Remote Lock/Unlock
  - Schedule Pick Up and Delivery
  - Smartphone Integrated Technology
- Lincoln Drive Modes
  - Conserve
  - Deep Conditions
  - Excite
  - Normal
  - Slippery
- Lincoln Enhance Software Updates
- Phone As A Key (PAAK)
- Rain Sensitive Windshield Wipers
- Wireless Charging
- Symphonic Chimes

New In-Vehicle Digital Experience

- 11.1” Centerstack Touchscreen
- 5G Connectivity
- Alexa Built-In
- Wireless Apple CarPlay® and Android Auto™ Compatibility
- 911 Assist®
- Digital Owner’s Manual

Perfect Position (24-Way) Front Seats

Revel® Ultima 3D Audio System with 28-Speakers

Lincoln Rejuvenate

Adaptive Suspension

Painted Black Roof – (Reserve/Black Label)

## AVAILABLE PACKAGES

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### AVAILABLE JET APPEARANCE PACKAGE (PREMIERE)

20" Bright-Machined with Carbonized Painted Pockets

Black Exterior Elements – Sport Fender Badge, Grille Insert and Beltline Molding

Body Color Exterior Elements – Rear Bumper and Front Bumper – Sport

Molded in Color – Lowering Cladding and Wheel Arches

### AVAILABLE JET APPEARANCE PACKAGE (RESERVE)

22" Satin Dark Luster Nickel with Satin Chrome Inserts

Black Exterior Elements – Sport Fender Badge, Grille Insert, Roof Rack Side Rails, Beltline Molding, Lower Door Cladding and Rear Bumper

Body Color Exterior Elements – Wheel Arches, Front Bumper – Sport

Leather-Trimmed with Suede Inserts Seats

### AVAILABLE JET APPEARANCE PACKAGE (BLACK LABEL)

22" Satin Dark Luster Nickel with Satin Chrome Inserts

Black Exterior Elements – Sport Fender Badge, Grille Insert and Roof Rack Side Rails

Body Color Exterior Elements – Lower Door Cladding, Wheel Arches, Rear Bumper and Front Bumper – Sport