



Specifications - Nissan Altima

MECHANICAL

	2.5 BASE ¹	2.5 S	3.5 SE	3.5 SL	HYBRID ²
Engine					
QR25DE — 2.5-liter DOHC 16-valve 4-cylinder					
Horsepower — 175 hp ³ @ 5,600 rpm	●	●	⊗	⊗	⊗
Torque — 180 lb-ft ³ @ 3,900 rpm					
Emissions — Tier 2, Bin 5 (LEV2-SULEV in CA)	●	●	⊗	⊗	⊗
VQ35DE — 3.5-liter DOHC 24-valve V6					
Horsepower — 270 hp @ 6,000 rpm	⊗	⊗	●	●	⊗
Torque — 258 lb-ft @ 4,400 rpm					
Emissions — Tier 2, Bin 5	⊗	⊗	●	●	⊗
Continuously Variable Valve Timing Control System (CVTCS)	●	●	●	●	⊗
Variable induction system	●	●	●	●	⊗
Nissan Direct Ignition System	●	●	●	●	⊗
Iridium-tipped spark plugs	●	●	●	●	⊗
Electronic drive-by-wire throttle	●	●	●	●	⊗
Engine Balancer System	●	●	⊗	⊗	⊗
Hybrid System					
Hybrid System Net Power — 198 hp (148 kW)	⊗	⊗	⊗	⊗	●
Gasoline engine					
QR25DE — 2.5-liter DOHC 16-valve 4-cylinder					
Horsepower — 158 hp @ 5,200 — 6,000 rpm	⊗	⊗	⊗	⊗	●
Torque — 162 lb-ft @ 2,800 — 4,800 rpm					
Continuously Variable Valve Timing Control System (CVTCS)	⊗	⊗	⊗	⊗	●
Variable induction system	⊗	⊗	⊗	⊗	●
Nissan Direct Ignition System	⊗	⊗	⊗	⊗	●
Iridium-tipped spark plugs	⊗	⊗	⊗	⊗	●
Electronic drive-by-wire throttle	⊗	⊗	⊗	⊗	●
Engine Balancer System	⊗	⊗	⊗	⊗	●
Electric motor					
Permanent magnet AC synchronous electric motor					
199 lb-ft @ 0 — 1,500 rpm (105 kW @ 4,500 rpm)	⊗	⊗	⊗	⊗	●
Voltage — 650 V maximum					
Battery					
Sealed Nickel-Metal Hydride (Ni-MH) Battery — 40 hp (30 kW) Voltage 244.8 V	⊗	⊗	⊗	⊗	●
Emissions — Advanced Technology Partial Zero Emission Vehicle (AT-PZEV)	⊗	⊗	⊗	⊗	●
Drivetrain					
Front engine/front-wheel drive	●	●	●	●	●
6-speed manual transmission	●	●	●	⊗	⊗
Xtronic CVT™ (Continuously Variable Transmission) with manual mode	⊗	⊗ [SL]	⊗	●	⊗
Electronically controlled Continuously Variable Transmission (eCVT)	⊗	⊗	⊗	⊗	●

EXTERIOR

	2.5 BASE ¹	2.5 S	3.5 SE	3.5 SL	HYBRID ²
Wheels and Tires					
16" x 7.0" Steel wheels with bolt-on wheel covers	●	●	⊗	⊗	⊗
16" x 7.0" Six-spoke aluminum-alloy wheels	⊗	[CPSL]	⊗	●	●
17" x 7.5" Five-spoke aluminum-alloy wheels	⊗	⊗	●	⊗	⊗
P215/60TR16 All-season tires	●	●	⊗	●	●
P215/55VR17 All-season tires	⊗	⊗	●	⊗	⊗
Full-size spare ⁴	⊗	⊗	[V]	[V]	⊗
Styling					
Automatic on/off headlights	⊗	[CCPSL]	●	●	[CCT]
High Intensity Discharge (HID) xenon headlights	⊗	⊗	[PT]	●	⊗
Fog lights	⊗	AC ⁵	[SPT]	●	⊗
Rear spoiler	⊗	AC ⁵	[SPT]	AC ⁵	[CCT]
Dual exhaust outlets with chrome tip finishers	●	●	●	●	●
Splash guards	⊗	⊖	⊖	⊖	●
Dual body-color power outside mirrors	●	●	●	●	●
Folding outside mirrors with turn signal indicators	⊗	⊗	●	●	[CT]
Heated outside mirrors with timer	⊗	⊗	●	●	[CT]
Power sliding glass moonroof with tilt feature	⊗	[CPSL]	[SPT]	●	[M]
UV-reducing solar glass	●	●	●	●	●

LEGEND

[AC ⁵]	Accessory - Required with Technology Package.
[CPSL]	Part of Convenience Plus Package or 2.5 SL Package
[SPT]	Part of Sport or Premium or Technology Packages
[PT]	Part of Premium or Technology Packages
[CCT]	Part of Convenience or Connection or Technology Packages
[CT]	Part of Connection Package or Technology Package
[M]	Part of Hybrid Moonroof Option
[V]	Part of VDC and Full-size Spare Option

INTERIOR

	2.5 BASE ¹	2.5 S	3.5 SE	3.5 SL	HYBRID ²
Convenience					
Intelligent Key with Push Button Ignition	●	●	●	●	●
Nissan Navigation System with DVD atlas, 6.5" touch-screen monitor, and voice recognition	⊗	[T]	[T]	[T]	[T]
Energy flow monitor and energy/fuel history monitor	⊗	⊗	⊗	⊗	[T]
XM® NavTraffic® — includes activation and 3 months of service ⁶	⊗	[T]	[T]	[T]	[T]
Bluetooth® Hands-Free Phone System	⊗	[CO]	[PT]	●	[CT]
HomeLink® Universal Transceiver	⊗	[SL]	[PT]	●	[CT]
RearView Monitor	⊗	[T]	[T]	[T]	[T]
Air conditioning with in-cabin microfilter	⊗	●	●	⊗	⊗

Dual Zone Automatic Temperature Control (ATC) with in-cabin microfilter	⊗	[SL]	[PT]	●	●
Rear Passenger air conditioning vents	⊗	[SL]	[PT]	●	[CT]
Power windows with one-touch driver-side auto-up/down with auto-reverse	●	●	●	●	●
Passenger-side front-window one-touch auto-up/down with auto-reverse	⊗	[CCPSL]	●	●	[CCT]
Key-operated windows up/down	⊗	[CCPSL]	●	●	[CCT]
Remote keyless front windows down	⊗	[CCPSL]	●	●	[CCT]
Power door locks	●	●	●	●	●
Remote keyless entry with trunk release	●	●	●	●	●
Cruise control with illuminated steering wheel-mounted controls	●	●	●	●	●
Fine Vision electroluminescent gauges	●	●	●	●	●
Multi-functional trip computer	⊗	●	●	●	●
Tilt and telescoping steering column	●	●	●	●	●
Vehicle speed-sensitive variable intermittent windshield wipers	●	●	●	●	●
Dual visor vanity mirrors	●	●	⊗	⊗	●
Dual illuminated visor vanity mirrors with sun visor extenders	⊗	[CCPSL]	●	●	[CCT]
Digital clock (in radio)	⊗	●	●	●	●
Auto-dimming inside rearview mirror with compass	⊗	[SL]	[PT]	●	[CT]
9 Beverage holders (8 with manual transmission)	●	●	●	●	●
Illuminated center console	⊗	[SL]	[PT]	●	[CT]
Map lights and rear reading lights	●	●	●	●	●
Lockable glove box with light	●	●	●	●	●
Overhead sunglasses holder	●	●	●	●	●
Driver and passenger seatback pocket	⊗	●	●	●	●
Height-adjustable 3-point front seat belts	●	●	●	●	●
12-volt DC power outlets (2)	●	●	●	●	●
Retained accessory power and battery saver	●	●	●	●	●

Seating and Appointments

6-way manual adjustable driver's seat	●	●	⊗	⊗	●
8-way power adjustable driver's seat	⊗	[CCPSL]	●	●	[CCT]
Driver's power adjustable lumbar support	⊗	[SL]	[PT]	●	[CT]
Velour cloth seats	●	●	●	⊗	●
Leather-appointed seats and door trim	⊗	[SL]	[PT]	●	[CT]
Heated front seats	⊗	[SL]	[PT]	●	[CT]
Leather-wrapped steering wheel	⊗	[CCPSL]	●	●	[CCT]
Leather-wrapped shift knob	⊗	[SL]	[PT]	●	[CT]
Wood-tone trim (Blond only)	⊗	[CCPSL]	●	●	[CCT]
Metallic trim (Frost and Charcoal cloth interior only)	●	●	●	⊗	●
Patterned metallic trim (Frost and Charcoal leather interior only)	⊗	[SL]	[PT]	●	[CT]
60/40—split fold-down rear seatbacks (lock N/A on 2.5 Base)	●	●	●	●	●
Front sliding armrest	●	●	●	●	●
Rear center armrest	●	●	●	●	●
Carpeted trunk lid trim	⊗	●	●	●	●
Trunk side cargo net	⊗	[CCPSL]	●	●	[CCT]

LEGEND

- [SL] Part of 2.5 SL Package
- [T] Part of Technology Package
- [CT] Part of Connection Package or Technology Package
- [CCT] Part of Convenience or Connection or Technology Packages
- [PT] Part of Premium or Technology Packages
- [CCPSL] Part of Convenience Plus Package or 2.5 SL Package

AUDIO

	2.5 BASE ¹	2.5 S	3.5 SE	3.5 SL	HYBRID ²
Audio system pre-wiring	●	⊗	⊗	⊗	⊗
AM/FM/CD audio system	⊗	●	●	⊗	●
Digital Bose® audio system with AM/FM/in-dash 6-CD changer	⊗	[CO]	[PT]	●	[CT]
Illuminated steering wheel-mounted audio controls	⊗	[CCPSL]	●	●	[CCT]
6 speakers	⊗	●	●	⊗	●
9 speakers	⊗	[CO]	[PT]	●	[CT]
Radio Data System (RDS)	⊗	[CO]	[PT]	●	[CT]
Speed-compensating volume	⊗	[CO]	[PT]	●	[CT]
Auxiliary audio input	⊗	●	●	●	●
MP3/WMA CD playback capability	⊗	[CO]	[PT]	●	[CT]
XM® Satellite Radio ⁶	⊗	[CO]	[PT]	●	[T]

LEGEND

- [CO] Part of Connection Package
- [PT] Part of Premium or Technology Packages
- [CCT] Part of Convenience or Connection or Technology Packages
- [CT] Part of Connection Package or Technology Package
- [CCPSL] Part of Convenience Plus Package or 2.5 SL Package

SAFETY

	2.5 BASE ¹	2.5 S	3.5 SE	3.5 SL	HYBRID ²
Nissan Advanced Air Bag System with dual-stage supplemental front air bags with seat-belt sensor and occupant-classification sensor	●	●	●	●	●
Driver and front-passenger seat-mounted side-impact supplemental air bags	●	●	●	●	●
Roof-mounted curtain side-impact supplemental air bags for front- and rear-seat outboard occupant head protection	●	●	●	●	●
Traction Control System (TCS)	⊗	⊗	●	●	●
Vehicle Dynamic Control (VDC) ³	⊗	⊗	[V]	[V]	●
3-point ALR/ELR seat belt system	●	●	●	●	●
Front-seat Active Head Restraints	●	●	●	●	●
Front seat belts with pretensioners and load limiters	●	●	●	●	●
LATCH System (Lower Anchors and Tethers for CHildren)	●	●	●	●	●
Zone Body construction with front and rear crumple zones	●	●	●	●	●
Hood buckling creases and safety stops	●	●	●	●	●
Pipe-style steel side-door guard beams	●	●	●	●	●
Energy-absorbing steering column	●	●	●	●	●
Tire Pressure Monitoring System (TPMS)	●	●	●	●	●

LEGEND

[V] Part of VDC and Full-size Spare Option

SECURITY

	2.5 BASE ¹	2.5 S	3.5 SE	3.5 SL	HYBRID ²
Nissan Vehicle Immobilizer System	●	●	●	●	●
Vehicle Security system	●	●	●	●	●

CURB WEIGHTS

CURB WEIGHTS (LBS)	2.5 BASE ¹	2.5 S	3.5 SE	3.5 SL	HYBRID ²
Manual transmission	3,112	3,145	3,292	N/A	N/A
Xtronic CVT	N/A	3,189	3,358	3,417	N/A
eCVT	N/A	N/A	N/A	3,479	N/A

FUEL ECONOMY

2008 EPA FUEL ECONOMY ESTIMATES	2.5 BASE ¹	2.5 S	3.5 SE	3.5 SL	HYBRID ²
Manual transmission (city/hwy)	23/32	23/32	19/27	N/A	N/A
Automatic transmission (city/hwy)	N/A	23/31	19/26	19/26	N/A
Electronically controlled Continuously Variable Transmission (eCVT) (city/hwy)	N/A	N/A	N/A	N/A	35/33

For model-year 2008, the EPA has revised the way the estimated fuel economy rating is determined. Please refer to your Nissan dealer or the fuel economy label attached to the vehicle for more current information.

CAPACITIES

Interior passenger volume (cu. ft.)	100.7
Altima	
Cargo capacity (cu. ft.)	15.3
Cargo capacity (cu. ft.) with full-size spare	13.1
Altima Hybrid	
Cargo capacity (cu. ft.)	10.1
Fuel Tank (gals.)	20.0

DIMENSIONS**Exterior (inches)**

Wheelbase	109.3
Overall length	189.8
Overall width	70.7
Overall height	57.9
Overall height (Hybrid)	58.1
Track width (front/rear)	61.0/60.8

Interior (inches)

Head room (front/rear) without sunroof	40.6/36.8
Leg room (front/rear)	44.1/35.8
Hip room (front/rear)	56.8/52.5
Shoulder room (front/rear)	55.7/55.5

Legend

- Standard on this model
- ⊗ Not Available on this model
- ◐ Optional on this model

Every Nissan is backed by a 36-month/36,000-mile limited vehicle coverage and a 5-year/60,000-mile limited powertrain coverage. (For complete information, see your Nissan dealer and read the actual limited warranty.) For extra protection, you can also add Security+Plus®, the only extended service agreement approved by Nissan.

1 Customer order only. **2** Altima Hybrid is available in California, New York, Massachusetts, Connecticut, Vermont, Rhode Island, Maine and New Jersey. Service of hybrid components outside those states is limited and could involve some days delay. **3** CAL emissions (PZEV) equipment causes normal reductions in horsepower (from 175 hp to 170 hp) and torque (from 180 lb-ft to 175 lb-ft). PZEV vehicles are available in California and some northeastern states. **4** VDC and full-size spare option requires Premium Package on 3.5 SE and Technology Package on 3.5 SL. **5** Requires with Technology Package. **6** Required XM radio and XM NavTraffic monthly subscriptions sold separately after trial period. Installation costs and other fees and taxes may apply, including a one-time activation fee. XM NavTraffic only available in select markets. Subscription fee is consumer only. All fees and programming subject to change. Subscriptions subject to Customer Agreement available at xmradio.com. XM service only available in the 48 contiguous United States and Canada. The XM name and XM NavTraffic are registered trademarks of XM Satellite Radio Inc.

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