

For Immediate Release

2009 Nissan Maxima Specifications

Specifications are based on latest product information available at the time of printing

Mechanical

Engine	
Name	VQ35
Cam design	DOHC
Orientation	Transverse
Cylinders / configuration	V6
Block / head composition	Aluminum / aluminum
Displacement (liters)	3.5
Displacement (cubic inches)	214.0
Horsepower	290 @ 6,400 rpm
Torque (lb-ft)	261 @ 4,400 rpm
Bore & stroke (mm)	95.5 x 81.4
Compression ratio (:1)	10.6
Spark plugs	Double-tipped iridium
Maximum engine speed	6,600 rpm
Induction system	Sequential multi-point electronic fuel injection
Valvetrain	4 valves per cylinder; with CVTCS
Engine mounts (4 mounts per vehicle)	2 electronically controlled, 2 solid w/anti-torque rod
Required fuel	Premium unleaded
Emissions system	Closed loop alpha control, ECCS
Emission certification level	50 state: LEV2-ULEV/Tier 2 Bin 5; Non-50 State/Federal: Tier 2, Bin 5
Exhaust Type Configuration	High capacity muffler Dual mufflers with dual chrome finishers

Electrical	
Ignition system	Electronic, Nissan Direct Ignition System (NDIS)
Starter	1.7 kW
Alternator	130 Amp.
Battery	12V-550Ah (5HR)

Transmission and Drive System	3.5 S	3.5 SV
Drive configuration	Front engine / front-wheel drive	
Transmission type	Xtronic™ Continuously Variable Transmission (CVT) with Adaptive Shift Control (ASC); manual shift mode and Ds mode (Drive sport)	
Transmission Control	Electronic	
Traction Control System (TCS)	S	
Vehicle Dynamic Control (VDC)	S	
Gear ratios (:1)	2.371 – 0.439	
Final drive ratio	5.173	

Brakes		
Front	Type	Vented disc
	Rotor size diameter and thickness (in.)	12.60 x 1.10
Rear	Type	Vented disc
	Rotor size diameter and thickness (in.)	12.13 x 0.63
Brake control		Power-assisted
Anti-lock Braking System (ABS)		S
	Number of wheels/channels/sensors	4/4/4
Brake Assist (BA)		S
Electronic Brake force Distribution (EBD)		S
Parking brake		Foot release

Steering		
Type		Power rack-and-pinion
Power assisted		Vehicle speed-sensitive
Overall ratio (:1)		15.2
Turns (lock-to-lock)		2.57
Turning diameter (ft.)		37.4
Illuminated steering wheel mounted switches		Audio, cruise control
Tilt	Manual	S
	Power	O (3.5 SV)
Telescope	Manual	S
	Power	O (3.5 SV)
Heated		O (3.5 SV)

Suspension		
Front		Independent strut w/ coil springs
	Stabilizer bar	25.4 mm diameter
Rear		Multi-link independent
	Stabilizer bar	21.0 mm diameter
Sport-tuned suspension components		O (3.5 SV only)

Body / Chassis		
Type		Unibody
Materials (primary)		Corrosion-resistant and high strength steel, aluminum-alloy hood

Exterior

Wheels & Tires		3.5 S	3.5 SV
Wheels			
Aluminum-alloy		S	
8J x 18 inch (10-spoke)		S	
8J x 19-inch (split-5-spoke)		-	0
Tires			
All-season - P245/45R18 V-rated		S	S
All-season - P245/40R19 V-rated		-	0
Summer - P245/40R19 W-rated		-	0
Spare tire Temporary T145/80R(D)17 Location		S Trunk	

Lights		3.5 S	3.5 SV
Headlights			
Halogen		S	
High Intensity Discharge (HID) xenon		-	0
Operation		Auto on/off	
Fog lights		-	S
Outside mirror-mounted turn signal		-	S
Center high mount stop light		S	

Roof		3.5 S	3.5 SV
Front power tilt/slide glass moonroof		S	S
Dual Panel Moonroof w/power sunshades		-	0

Wipers		3.5 S	3.5 SV
Front Windshield	Variable Intermittent Speed Sensitive Flat blade wipers		S S S

Interior

Audio		3.5 S	3.5 SV
Head unit and speakers			
AM/FM/6CD w/ 8 speakers		S	-
Bose® audio system with AM/FM/CD6 w/ 9 speakers		-	S
MP3/WMA playback		S	S
Radio Data System (RDS)		-	S
9.3GB Music Box hard Drive		-	0
XM® Satellite Radio		-	0
Compass - in mirror (deleted w/navigation)		-	S
Navigation system		-	0
XM NavTraffic® real-time navigation		-	0
Audio antenna w/ diversity (in glass)		S	
Bluetooth® Hands-free Phone System		-	0
Voice-Recognition (navigation audio, Bluetooth®)		-	0

Seating		3.5 S	3.5 SV
Capacity		5-passenger	
Materials	Cloth	S	-
	Perforated standard leather	-	S
	Perforated premium leather	-	O
Front seats		Bucket	
Heated		-	O
Driver seat	8-way power	S	S
	Manual lumbar	S	-
	Power lumbar	-	S
	2-driver memory	-	O
	Auto entry/exit	-	O
	Thigh extension	-	S
Passenger seat	4-way power	S	
Head restraint / headrest		Front Seat Active	
Seat back pockets		S	
Rear seats	60/40 split fold-down	S	S
	Fixed w/locking armrest pass-through	-	O

HVAC/ Defogger		3.5 S	3.5 SV
Dual-Zone Automatic Temperature Control		S	
Rear A/C vents			
HVAC Filtration			
Front/rear window defogger			
Rear seat climate controls		-	O

Instrumentation		
Meters/Gauges		
Speedometer	Analog	S
Tachometer	Analog	S
Coolant temperature	Analog	S
Fuel level	Analog	S
Trip odometer	Dual	S
Clock	Digital	S
Outside Temperature		S

Interior Trim		3.5 S	3.5 SV
Eucalyptus wood-tone trim		-	O
Metallic-link trim		-	O
Steering wheel, shift knob – leather-wrapped		S	

Convenience Features	3.5 S	3.5 SV
Cruise control		S
Power driver/ passenger windows with front one-touch auto up/down (w/ auto reverse)		S
Power windows with rear one-touch auto up/down (w/ auto reverse)	-	O
Power door locks w/ selective unlocking and anti-lockout, auto-locking feature		S
Nissan Intelligent Key™ w/ Push Button Ign.		S
Remote keyless entry system		S
Power interior releases (trunk lid)		S
Front cupholders (2 in center console)		S
Rear cupholders (2 in center armrest)		S
Front door-mounted 20 oz. bottle holders		S
HomeLink® Universal Transceiver (UGDO)	-	S
Trip computer dot-matrix display (non-Navi)		S
Power rear window sunshade	-	O
Center console with armrest with dual storage boxes with internal 12-volt outlet		S
Glove compartment lockable		S
Auto-dimming inside rearview mirror		S
Sunglass holder – overhead console (deleted with 3.5 SV Premium Package)		S

Safety and Security

Passenger Restraint Systems	3.5 S	3.5 SV
Air bags Advanced Air Bag System (AABS) Driver (dual-stage with seat belt sensors) Passenger (dual-stage with seat belt sensors) Front-seat side-impact Roof-mounted curtain side-impact		S
Front Seat Active Head Restraints		
Front seat belts with pretensioners, load-limiters and adjustable upper anchors		
Rear center lap/shoulder seat belt		
Child seat upper tether anchors		
Power window lockout button		
LATCH system		
Child safety rear door locks		
Emergency Inside Trunk Release		

Passive Safety	
Energy-absorbing steering column Zone Body with front and rear crushable zones, occupant zone Hood buckling creases and safety stops Body side reinforcements Shift interlock system Tire Pressure Monitoring System (TPMS)	S

Security	
Tamper proof door lock key cylinder Steering wheel locks when key is removed Vehicle security system Immobilizer	S

Dimensions

Exterior (inches)		
Wheelbase		109.3
Overall length		190.6
Overall width		73.2
Overall height		57.8
Tread width		
Front		62.4
Rear		62.4
Minimum ground clearance (18-in./19-in. wheels)		5.6/5.4
Coefficient of drag (Cd)	With spoiler	0.33
	Without spoiler	0.33
Step-in height		
Front (18-in./19-in. wheels)		15.0/14.9
Rear (18-in./19-in. wheels)		15.0/15.0

Interior (inches)		Front	Back
Head room	with standard moonroof	38.5	36.4
	with Dual Panel Moonroof	38.8	36.4
Leg room		43.8	34.6
Hip room		53.4	53.9
Shoulder room		56.3	55.1

Weights		3.5 S	3.5 SV
Curb (pounds)			
Front		2,181	2,189
Rear		1,375	1,390
Total		3,556	3,579
Weight distribution (%)	Front/Rear	61/39	
GVWR (pounds)		4,698	

Capacities		
Fuel tank (gallons)		20.0
Engine oil (quarts)		4.5
Engine coolant (quarts)		9.6
Maximum towing capacity (lbs)	Trailer	1,000
	Tongue	-

Volume (cubic feet)	
Passenger compartment	96.2
Cargo	14.2
Total	110.4

EPA Fuel Economy <i>(Actual mileage may vary)</i>	3.5 S	3.5 SV
City	19	19
Highway	26	26
Classification	Mid-size	

Options	3.5 S	3.5 SV
Sport Package: Sport-tuned suspension, 19-inch aluminum-alloy wheels, 245/40VR19 all-season tires, rear spoiler, HID xenon headlights, premium leather-appointed seats, heated front seats, premium leather steering wheel with stitch and dimple, power tilt/telescopic steering column, heated steering wheel, paddle shifters, automatic entry/exit system (with 2-driver memory), driver-side memory (driver's seat, outside mirrors, steering wheel), rear bucket seats, rear-seat trunk pass-through, large rear-seat fold-down center armrest with finisher, XM® Satellite Radio, Bluetooth® Hands-free Phone System, outside mirrors with reverse tilt-down feature, heated outside mirrors, auto-dimming driver-side outside mirror, metallic-link trim, cargo net	-	0

Options (continued)	3.5 SE	3.5 SL
Premium Package: Dual Panel Moonroof with power retractable sunshades, power rear-window sunshade, premium mood light, front and rear power windows with one-touch auto-up/down feature, HID xenon headlights, premium leather-appointed seats, heated front seats, premium leather steering wheel with stitch and dimple, power tilt/telescopic steering column, heated steering wheel, paddle shifters, automatic entry/exit system (with 2-driver memory), driver-side memory (driver's seat, outside mirrors, steering wheel), rear bucket seats, rear-seat trunk pass-through, large rear-seat fold-down center armrest with finisher, rear-seat audio and HVAC controls, XM [®] Satellite Radio, Bluetooth [®] Hands-free Phone System, outside mirrors with reverse tilt-down feature, heated outside mirrors, auto-dimming driver-side outside mirror, Eucalyptus wood-tone trim, cargo net, 7-inch color monitor, RearView Monitor, Interface System for iPod [®] , iPod [®] net in center console, auxiliary audio/video input jack	-	0
Tech Package (3.5 SV): Nissan Hard Drive Navigation System with Voice-Recognition, 9.3GB Music Box Hard Drive, XM [®] Satellite Radio, XM NavTraffic [®] , 7-inch touch-screen color monitor, RearView Monitor, Interface System for iPod [®] , iPod [®] net in center console, auxiliary audio/video input jack	-	0
Tech Package (Sport): Nissan Hard Drive Navigation System with Voice-Recognition, 9.3GB Music Box Hard Drive, XM NavTraffic [®] , 7-inch touch-screen color monitor, RearView Monitor, Interface System for iPod [®] , iPod [®] net in center console, auxiliary audio/video input jack	-	0
Tech Package (Premium): Nissan Hard Drive Navigation System with Voice-Recognition, 9.3GB Music Box Hard Drive, XM NavTraffic [®] , 7-inch touch-screen color monitor	-	0
Climate-Controlled Driver's Seat: Climate-controlled driver's seat	-	0
Rear Spoiler with CHMSL: rear spoiler	-	0
19-inch Summer Tires: 245/40WR19 high-performance summer tires	-	0

Cold Package: Heated front seats, heated steering wheel, heated outside mirrors	-	O
Bluetooth® Hands-free Phone: Bluetooth® Hands-free Phone System	-	O
High Intensity Discharge (HID) Xenon Headlights: HID xenon headlights	-	O

S - Standard

O - Optional