

## 1999 Nissan Maxima



### **Nissan Maxima Adds Available Traction Control System, New Colors for 1999 Model Year**

The Nissan Maxima, the flagship of the six-vehicle 1999 Nissan lineup, receives a number of refinements for the new model year, including the availability of Nissan's Traction Control System (TCS) for GLE and SE models equipped with automatic transmission and Deluxe Seating and Anti-lock Braking System (ABS), an updated faceplate for mid-line and Bose® audio systems, four new exterior colors and an Ignition Immobilizer for enhanced security.

For 1999, Maxima continues to be offered in three trim levels: the popularly equipped GXE, performance-oriented SE and luxuriously equipped GLE, providing a wide selection of equipment and features to match the individual needs of each customer. All Maximas are offered with a standard 190-horsepower DOHC 3.0-liter V6 engine, independent front and patented rear Multi-Link Beam® suspension and 4-wheel power-assisted disc brakes.

"The Maxima sets itself apart from its competitors by offering a unique blend of luxury, power, performance and unmatched quality," said Michael Seergy, vice president and general manager, Nissan Division. "Maxima feels and drives like a much more expensive vehicle, with the quality and dependability you'd expect in a luxury car. Maxima sets the tone for our lineup of Nissan sedans."

#### **Exterior Design**

Maxima's distinctive exterior styling features clean yet muscular lines. Originally designed in Japan, Maxima received styling updates for the 1997 model year from Nissan Design International, Inc. (NDI) in La Jolla, Calif. NDI will design the next generation Maxima, due to appear as a model year 2000 vehicle.

Maxima's styling is attractive and functional, with a 0.32 coefficient of drag (Cd). A low, sloping hood, rounded rear decklid and smooth sides contribute to this aerodynamically efficient shape. Unibody construction provides a tight, quiet platform.

Maxima is offered in four new exterior colors for 1999, including Sunlit Sand, Icelandic Pearl, Lakeshore Blue and Mahogany Pearl. Other available colors include Super Black, Sagemist Green, Sterling Mist and Deep Evergreen.

#### **Interior Design**

Inside, the Maxima offers ample dimensions front and rear, due in part to use of the compact rear Multi-Link Beam suspension (which provides less intrusion into the back seat and trunk areas than conventional suspensions). Maxima's spacious interior provides nearly 100 cubic feet of interior space, along with 14.5 cubic feet of trunk space.

Many comfort and convenience features are standard, including front bucket seats with a multi-adjustable driver's seat, CFC-free air conditioning, power windows with driver-side auto-down feature, power door locks with selective unlocking feature, cruise control with steering wheel mounted switches, dual covered front cup holders and much more. Three interior colors are available: Beige, Charcoal and Sereno.

For 1999, the faceplate on mid-line and Bose audio systems has been updated, and models with wood tone trim now feature a slightly darker, satin finish.

### **Engine/Suspension**

The front engine/front-wheel drive Maxima's well-deserved reputation as a true performance sedan comes from its well-balanced combination of engine and suspension. Its powerful, yet refined, 3.0-liter DOHC V6 engine has been named a "Best Engine" four times by Ward's Auto World. It is one of the lightest, most compact engines for its displacement ever built for production use, producing a potent 190 hp at 5,600 rpm and 205 ft-lbs of torque at 4,000 rpm.

Among the many technical highlights of Maxima's engine are microfinishing of the camshaft and crankshaft, a digital knock control system and a cross flow coolant pattern. These attributes help enhance engine performance, reduce exhaust emissions and lower overall engine friction – resulting in excellent performance and fuel economy.

The Maxima engine also utilizes the Nissan Valve Timing Control System (NVTCS) variable valve timing and lift management. Electronically controlled sensors measure throttle position and engine speed to activate the variable intake valve timing mechanism to meet demands on the engine. The NVTCS system helps provide better performance at lower engine speeds, without sacrificing high speed power output or fuel economy.

The value-oriented GXE and sporty SE are equipped with a standard 5-speed manual transmission. An electronically controlled 4-speed automatic transmission with overdrive is standard on the luxury-equipped GLE and optional on GXE and SE.

Maxima delivers an EPA-estimated fuel economy of 22/27 mpg City/Highway when fitted with the 5-speed manual transmission, and 21/28 mpg City/Highway when equipped with the 4-speed automatic transmission.

Maxima's outstanding road manners are provided by Nissan's patented rear Multi-Link Beam suspension, which offers precise handling and outstanding stability by minimizing camber change during cornering. This design provides a smooth ride as well. Suspension friction is reduced, and the system's superior wheel control

allows use of softer bushings, springs and shock tuning. A rear stabilizer bar is standard.

Maxima's independent front suspension uses MacPherson struts with coil springs and a 21.0 mm stabilizer bar to provide optimum control in a variety of driving conditions.

Nissan's Traction Control System (TCS) is offered on GLE and SE models, when equipped with automatic transmission, Deluxe Seating and ABS. The TCS uses sensors to monitor front wheel slippage. If both front tires are slipping, intermittent braking is applied through the ABS to the right and left wheels. At the same time, engine speed is automatically reduced until it matches the available traction. As a result, handling, control and safety are improved, whatever the weather.

### **Safety**

Every 1999 Maxima features an extensive list of standard safety equipment, including standard dual supplemental air bags, 3-point front seat belts with height-adjustable front shoulder belts and 3-point ALR/ELR front-passenger side, rear outboard passenger seat belt system and 3-point center rear seat belt. Front-seat supplemental side-impact air bags are optional on SE and GLE models as part of the Deluxe Seating Package.

Other standard equipment includes front and rear crumple zones, an energy-absorbing steering column, child safety rear door locks and pipe-style steel side-door guard beams. For added driver confidence and control, Maxima is equipped with standard power-assisted 4-wheel disc brakes. ABS is optionally available on all three trim levels (except GXE with manual transmission).

### **Model Availability**

All 1999 Maximas come equipped with an unexpected level of standard equipment including: a multi-adjustable reclining front bucket driver's seat, power windows with driver-side one-touch auto-down feature, power door locks with selective unlocking, dual power remote-controlled outside mirrors, digital clock and CFC-free air conditioning.

Other standard equipment includes a tilt steering column, cruise control, dual covered cup holders, 120W AM/FM/cassette audio system (optional on GXE) and center console with armrest.

The GXE model offers standard luxury seat cloth, large center console area with storage for CDs and cassettes, fold-down rear center armrest and 205/65R15 S-rated all-season tires.

For drivers seeking an extra level of style and performance, Maxima SE boasts a sport-tuned suspension with firmer shocks and struts, electronically controlled liquid-filled front engine mount (on automatic transmission models only), 16-inch aluminum-alloy wheels and 215/55R16 H-rated all-season tires, a body-color rear decklid spoiler, fog lights, body-color door handles, blackout window moldings, sport velour seat cloth, leather-wrapped steering wheel and gear shift knob and

black-on-white analog gauges.

The luxurious Maxima GLE comes equipped with leather seating surfaces, wood-grain trim, aluminum-alloy wheels, 8-way power driver- and 4-way power front-passenger seats, automatic climate control, a remote keyless entry and Vehicle Security System, a Bose® 6-speaker AM/FM stereo with CD player and HomeLink® Universal Transceiver.

A number of options and packages are available on Maxima, including automatic transmission, Anti-lock Braking System (ABS) and a power sliding glass sunroof with tilt feature and sunshade.

Available option packages include: Security and Convenience Package (GXE and SE), with 8-way power driver's seat, remote keyless entry and Vehicle Security System, electric remote trunk release and more (including HomeLink system with SE model); Deluxe Seating Package, with heated front seats, heated outside mirrors, heavy-duty battery and front-seat side air bags; and a SE Leather Trim Package, with leather seating surfaces, automatic temperature control and 4-way power front passenger's seat.

### Warranty

All 1999 Nissan models are covered by a comprehensive 3-year/36,000-mile "bumper-to-bumper" Limited Warranty, a 5-year/60,000-mile Limited Powertrain Warranty, a 5-year/60,000-mile Limited Corrosion Coverage and a Lifetime Limited Seat Belt Warranty.

### 1999 Maxima Specifications

	GXE	SE	GLE
<b>ENGINE</b>			
VQ30DE DOHC 24-valve V6 engine with aluminum-alloy block and aluminum heads	•	•	•
Displacement	3.0 liters/2,988 cc		
Horsepower (SAE net)	190 hp @ 5,600 rpm		
Torque (SAE net in ft-lbs)	205 ft-lbs @ 4,000 rpm		
Bore X stroke (inches)	3.66 X 2.89		
Bore X stroke (millimeters)	93.0 X 73.3		
Compression ratio	10.0:1		
Induction system	Electronic sequential multi-point fuel injection		
Valvetrain	DOHC, 4-valves-per-cylinder, mechanical lifters		
Recommended fuel	Unleaded premium		

Emissions system	Closed loop control, EGR, 3-way catalytic converter
Maximum engine speed	6,550 rpm

<b>DRIVETRAIN</b>	<b>GXE</b>	<b>SE</b>	<b>GLE</b>
Drive configuration	Front engine/front-wheel drive		
Transmission type	5-speed manual or electronically controlled 4-speed automatic transmission		
Gear ratios (:1)		<b>4-speed automatic</b>	<b>5-speed manual</b>
	<b>1st</b>	2.785	3.285
	<b>2nd</b>	1.545	1.850
	<b>3rd</b>	1.000	1.272
	<b>4th</b>	0.694	0.954
	<b>5th</b>	–	0.795
	<b>Reverse</b>	2.272	3.428
Final drive ratio ( :1)		3.619	3.823
Differential type	Conventional		

<b>BODY SUSPENSION &amp; STEERING</b>	
Body type	All-steel unibody construction with DURASTEEL®
Front suspension	Independent MacPherson struts with coil springs and 21.0 mm stabilizer bar
Rear suspension	Rear Multi-Link Beam™ suspension with 31.8 mm stabilizer bar
Steering ratio (:1)	16.7:1
Turning circle (curb-to-curb, in feet)	34.8
Turns (lock-to-lock)	2.9
Steering type	Engine-speed-sensitive power-assisted rack-and-pinion steering

<b>BRAKES</b>	<b>GXE</b>	<b>SE</b>	<b>GLE</b>
Front: Power-assisted 11.02-inch vented discs	•	•	•
Rear: Power-assisted 10.94-inch solid discs	•	•	•

Optional 4-channel, 4-sensor Anti-lock Braking System (ABS)	o	o	o
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<b>ELECTRICAL</b>	<b>GXE</b>	<b>SE</b>	<b>GLE</b>
Electronic/Nissan Direct Ignition System (NDIS)	•	•	•
110-amp alternator	•	•	•
Low-maintenance 12-volt battery	•	•	•

<b>WHEELS AND TIRES</b>	<b>GXE</b>	<b>SE</b>	<b>GLE</b>
15-inch steel wheels with covers (6.0JJ X 15)	•	–	–
16-inch aluminum-alloy wheels (6.5JJ X 16)	–	•	–
15-inch aluminum-alloy wheels (6.5JJ X 15)	–	–	•
P205/65SR15 all-season steel-belted radial tires	•	–	•
P215/55HR16 all-season steel-belted radial tires	–	•	–

<b>EXTERIOR DIMENSIONS</b>	<b>GXE</b>	<b>XE</b>	<b>GLE</b>
Wheelbase (in inches)	106.3	106.3	106.3
Overall length (in inches)	189.4	189.4	189.4
Overall width (in inches)	69.7	69.7	69.7
Overall height (in inches)	55.7	55.7	55.7
Front tread width (in inches)	60.2	59.8	59.8
Rear track width (in inches)	59.4	59.1	59.1
Trunk liftover height (in inches)	25.1	25.1	25.0
Minimum ground clearance (in inches)	6.1	6.1	6.1
Coefficient of Drag (Cd)	0.32	0.32	0.32

<b>INTERIOR DIMENSIONS</b>	<b>Front</b>	<b>Rear</b>
Head room (in inches)	40.1	37.4
Leg room (in inches)	43.9	34.3
Hip room (in inches)	54.3	55.9
Shoulder room (in inches)	56.8	56.2

<b>CAPACITIES</b>	
Seating Capacity	5

Total interior passenger volume (in cu. ft.)	99.6
Cargo volume (in cu. ft.)	14.5
Fuel tank (in gals.)	18.5
Engine oil (in qts.)	4.7
Engine coolant (in qts.)	7.7
Maximum towing capacity (in lbs.)	1,000

<b>CURB WEIGHTS</b>	<b>GXE</b>	<b>SE</b>	<b>GLE</b>
Manual transmission	3,012	3,014	–
Automatic transmission	3,069	3,072	3,085
<b>Weight distribution (front/rear %)</b>			
Manual Trans.	62/38	62/38	–
Automatic Trans.	63/37	63/37	63/37

<b>EPA MILEAGE ESTIMATES</b>	<b>GXE</b>	<b>SE</b>	<b>GLE</b>
<b>Manual transmission</b>			
City	22	22	–
Highway	27	27	–
<b>Automatic transmission</b>			
City	21	21	21
Highway	28	28	28

Source of Production: Nissan Motor Co., Ltd.

Assembly Plant Location: Oppama and Tochigi, Japan

	<b>XE</b>	<b>GXE</b>	<b>SE</b>
<b>EXTERIOR FEATURES &amp; OPTIONS</b>			
Flush-mounted multi-parabola halogen headlights	•	•	•
Fog lights	–	•	–
Energy-absorbing body-color front and rear bumpers	•	•	•
Green-tinted glass with dark-tint upper windshield band	–	–	•
Dual body-color power remote adjustable sideview mirrors	•	•	•

Grille with chrome signature bar	•	–	•
Grille with body-color signature bar	–	•	–
Body-color rear spoiler	–	•	–
Heated outside mirrors	–	o	o
Electric rear window defroster	•	•	•
Center high-mount stop lamp (in rear spoiler on SE model)	–	•	–
Bright chrome door handles	•	–	•
Body-color door handles	–	•	–
Sunroof	o	o	o
<b>INTERIOR FEATURES &amp; OPTIONS</b>			
Seating for five	•	•	•
4-way manual driver and passenger seats	•	•	–
8-way power driver seat	o	o	•
4-way manual passenger seat	•	•	•
4-way power passenger seat	–	o	•
Adjustable front headrests	•	•	•
Cloth seating surfaces	•	o	–
Leather seating surfaces	–	o	•
Passenger seat back pockets	–	–	•
Leather-wrapped steering wheel and shift lever/knob	–	•	•
Simulated wood tone trim	o	o	•
<b>COMFORT AND CONVENIENCE</b>			
CFC-free air conditioning	•	•	•
Power windows with driver-side one touch auto down feature	•	•	•
Power door locks	•	•	•
Cruise control with steering wheel-mounted controls	•	•	•
Remote fuel-filler door and trunk release	•	•	•
Manual tilt steering column	•	•	•
Variable-speed intermittent windshield wipers	o	•	•
Remote keyless entry system	•	•	•
Locking glove compartment	•	•	•



Dual illuminated vanity mirrors	o	•	•
Manual temperature control	•	•	–
Automatic temperature control	–	o	•
Front dual cup holders with cover	•	•	•
<b>INSTRUMENTATION</b>			
Speedometer, coolant temperature gauge	•	•	•
Tachometer	•	•	•
White-faced electroluminescent speedometer and tachometer gauges	–	•	–
LCD odometer with dual trip meters	•	•	•
Digital quartz clock (in audio display)	•	•	•
<b>AUDIO SYSTEMS</b>			
Electronically tuned 60-watt AM/FM/cassette 4-speaker audio system with auto-reverse cassette, Dolby® Noise reduction, clock display	•	–	–
Electronically tuned 120-watt AM/FM/cassette/CD 6-speaker audio system with auto-reverse cassette, Dolby® Noise reduction, automatic metal tape capability, clock display	o	•	–
Premium Bose® 200-watt AM/FM/cassette/CD 6-speaker audio system with auto-reverse cassette, Dolby® Noise reduction, automatic metal tape capability, clock display	–	o	•
Power and diversity antenna	•	•	•
<b>SAFETY AND SECURITY</b>			
Driver and passenger supplemental air bags	•	•	•
Front supplemental side-impact air bags	–	o	o
Remote keyless entry and Vehicle Security System with indicator light	o	•	•
Pipe-style steel side-door guard beams	•	•	•
Child safety rear door locks	•	•	•
Child seat anchor	•	•	•
Power window lockout button	•	•	•
3-point ALR driver and front passenger ALR/ELR - rear passenger ALR/ELR seat belt system	•	•	•
Energy-absorbing steering column	•	•	•
Front and rear crumple zones	•	•	•

Hood buckling creases and safety stops	•	•	•
Traction Control System (TCS)	–	o	o
Shift interlock system	•	•	•
<b>FACTORY OPTIONS AND PACKAGES</b>			
Power sliding glass sunroof with rear tilt feature and sliding sunshade	o	o	•
Automatic transmission	o	o	•
Anti-lock Braking System (ABS)	o	o	o
SE Leather Trim Package - leather seating surfaces, 4-way power passenger seat, automatic temperature control, passenger-side seatback pocket	–	o	–
Deluxe Seating Package - includes front-seat side air bags, heated front seats, heated outside mirrors, low washer fluid warning light, and heavy duty battery (SE required Security and Convenience Package, Bose audio system, SE Leather Package, and ABS, GLE requires ABS)	o	–	o
GXE Security and Convenience Package - includes 8-way power driver's seat, remote keyless entry and vehicle security system, electric remote trunk release, illuminated visor vanity mirrors, variable intermittent wipers, tailpipe finisher and H-rated tires	o	–	–
SE Security and Convenience Package - includes sunroof, 8-way power driver's seat, remote keyless entry and Vehicle Security System, electric remote trunk release, HomeLink® Universal Transceiver, illuminated visor vanity mirrors, variable intermittent wipers and chrome exhaust finisher	o	–	o
<b>DEALER-INSTALLED ACCESSORIES</b>			
Rear spoiler kit, splash guards, CD player, nose mask, floor mats, convenience net, trunk mounted 6-disc CD autochanger, in-dash 3-disc CD autochanger, sunroof, wind deflector, battery warmer, car cover/cable lock, cassette deck cleaner, engine block heater, wheel locks, wood trim kit, ski bag, trunk mat, cigarette lighter, gold badging, in-dash cellular telephone, fog lights, air bag anti-theft bolt			
NOTE: GXE option package requires automatic transmission			

•	Standard Equipment
o	Optional Equipment
–	Not available