

2000 Nissan Maxima



2000 Nissan Maxima Offers 'Cut Above' Performance, Luxury, Quality in a New Roomier, More Powerful Package

Created at Nissan Design International, Inc. (NDI) in La Jolla, Calif., the new, fifth-generation 2000 Maxima features an unmatched blend of performance and luxury. The new Maxima includes the most front head room, front leg room, interior and trunk space in class, state-of-the-art interior ergonomics, a class-leading 222-horsepower 3.0-liter DOHC V6 engine with a 100,000-mile tune-up interval and available 17-inch alloy wheels.

"Nissan is fortunate to own some of the industry's strongest brands, including our flagship Maxima, which has an incredible reputation and following," said Jed Connelly, vice president and general manager, Nissan Division, Nissan North America, Inc. "Our goal in creating the newest Maxima was to remain true to its 'Maxima-ness' — which we define as the heart and soul of the performance/luxury sedan."

The original Maxima was introduced as a 1981 model. Its arrival essentially created the "mid-size import sedan" category. The first V6-equipped Maxima appeared in 1984, and Maxima has remained the number one selling V6 import sedan ever since, with more than 1.7 million sales since its debut.

"Maxima has an exceptionally loyal owner base, with many buyers on their third or fourth Maxima simply because they cannot find a better package," said Connelly. "With the new 2000 Maxima, we're once again proving that there truly is no other car in America like it. We took a great car in the current Maxima and made it even better."

Key to the Maxima's unique positioning is its uncompromised balance of performance and luxury. "We call it a *60 - 60 percent blend*, because Maxima hits both sides of the equation so well," said Connelly. For the 2000 model, both performance and luxury attributes have been greatly enhanced.

Precision Performance

The new Maxima's performance capabilities are first announced through its aggressive styling, including large, well-filled wheel forms connected by a taut, substantial shoulder line sweeping front to rear. Its front honors the familiar Maxima grille shape, now smoothly integrated into the powerfully aerodynamic

form. The rear view leaves a strong visual impression with its large, distinctive taillights and unique "cut-off" design.

"The new Maxima is a road car with an Autobahn flavor and a 'high want factor' even though it is a sedan," said Connelly. "Some of the best cars from Europe are sedans, and the new Maxima captures that flavor. The rear view especially leaves what we call a memorable visual calling card. We want other drivers to know that they've just been passed by a sedan with confidence and character."

Since 1995, Maxima has been known for its V6 engine superiority. Its innovative 3.0-liter powerplant has been named one of the "10 Best Engines" by *Ward's Auto World* five consecutive years. *Ward's* editors have written that it is "simply ...the best V6 engine available in America."

For 2000, the engine has been refined through use of new intake and exhaust manifolds, Nissan Variable Induction System (NVIS) air intake control with a resin intake collector, new equal length exhaust pipes and the addition of a new variable capacity muffler derived from the one on the high performance Nissan Skyline GT-R. A special muffler flap valve, using high temperature aerospace spring technology and materials, opens at 2,000 rpm and above — reducing exhaust system backpressure. These changes help increase the engine's horsepower from 190 to 222 and torque from 205 to 217 ft-lbs.

The Maxima's DOHC 24-valve V6 continues to utilize micro-finished crank journals and cam lobes, molybdenum coated pistons, digital knock control, six coils (one per spark plug) and a cross flow coolant pattern. Additional refinements for 2000 include a new engine control module (located inside the passenger compartment to increase reliability), a larger air intake chamber, a thicker radiator and new cooling fans and a new four-point engine mount design with two liquid filled (manual transmission) or electronically controlled fluid (automatic transmission) mounts for reduced vibration.

With the adoption of double-tipped platinum spark plugs, Maxima offers a 100,000-mile tune-up interval, providing a lower projected cost of ownership.

The 2000 Maxima is available with a choice of 5-speed manual (standard on GXE and SE) or 4-speed electronically controlled automatic (standard on GLE) transmissions, both strengthened to support the increased engine performance.

Maxima's innovative rear Multi-Link Beam™ suspension, which offers precise handling and outstanding stability by minimizing camber change during cornering, has been refined through use of thicker front and rear stabilizer bars, adoption of larger, softer trailing link bushings and a relocation of the system's unique lateral link to behind the rear beam. New 17-inch wheels and

V-rated tires, offered as part of the SE Comfort and Convenience Package, enhance handling and give a performance look.

The new Maxima's "cut above" performance is reinforced by standard 4-wheel disc brakes with 4-channel/4-sensor Anti-lock Braking System (ABS), refined

engine-speed-sensitive power rack-and-pinion steering utilizing the same computer controls as the Infiniti Q45 and an available Traction Control System (TCS).

Purpose-Built Luxury

Maxima's luxury, like its performance, takes many forms, starting with its enhanced roominess. Versus the previous generation, the 2000 model offers a 2.0-inch longer wheelbase (increased from 106.3 inches to 108.3 inches) and 2.9 additional cubic feet of passenger compartment volume (increased from 99.6 to 102.5 cubic feet). Front seat head room and front leg room have been increased, and front footwell width is 1.4 inches wider, while rear leg room is up 2.7 inches. Trunk room is increased 0.6 cubic feet, from 14.5 to 15.1.

The interior features a stylish "wave" design with a sweeping console, striking instrument panel and special attention to driver ergonomics. The steering wheel has been repositioned forward, the parking brake lever moved rearward and power seat controls moved forward — all to provide better driver control and comfort.

The new Maxima's low-fatigue front seats have been redesigned with a more rigid seat structure and improved vibration absorption. Other enhancements include a new deep pattern seat appearance, improved seat cushioning, continuously variable lumbar support and a new double-lock recline mechanism. The rear seat offers a 60/40 split fold-down design and anti-theft lock function. Other luxury touches include the extensive use of noise, vibration and harshness countermeasures, isolation of wind and road noise, generous storage space (including room in the center console for 16 compact discs), "one-touch" auto up and down driver's window and sunroof, auto on/off headlights, a second 12-volt power outlet and an available custom-tuned 200-watt Bose® audio system with six-speakers plus woofer.

Attention to detail reinforces Maxima's exceptional luxury feel. Heater and cooling vents on the instrument panel close flush for a sleek appearance; dome light switches are easier to operate; and the front and rear door levers are larger and easier to use with gloved hands.

Maxima safety features include a redesigned impact dispersion body side structure which includes reinforced roof side rails, B-pillars and side sills, pipe-style steel side-door guard beams, dual supplemental front air bags, 3-point front seat belts with seat belt pretensioners and load limiters, child safety anchors and available front-seat supplemental side-impact air bags.

A Choice of Three Well-Equipped Models

The 2000 Maxima is available in three models: the well-equipped GXE, the performance SE and the luxurious GLE — each evolving from the previous generation to include more standard luxury features. The 2000 Maxima is available in eight exterior colors and three interior colors.

"The new Maxima is better in every dimension — more powerful, luxurious, spacious, comfortable and quieter," said Connelly. "It's every inch a Maxima, yet totally changed. It stands apart from every other vehicle on the road today."

2000 Maxima Specifications

ENGINE	GXE	SE	GLE
VQ30DE DOHC 24-valve V6 engine with aluminum-alloy block and aluminum heads	•	•	•
Displacement	3.0 liters/2,988 cc		
Horsepower (SAE net)	222 hp @ 6,400 rpm		
Torque (SAE net in ft-lbs)	217 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		
DRIVETRAIN	GXE	SE	GLE
Drive configuration	Front engine/front-wheel drive		
Transmission type	5-speed manual or electronically controlled 4-speed automatic transmission		
Gear ratios		4-speed automatic	5-speed manual

	1st	2.785	3.290
	2nd	1.545	1.850
	3rd	1.000	1.272
	4th	0.694	0.950
	5th	--	0.800
	reverse	2.272	3.430
Final drive ratio (:1)		3.789	3.823
Differential type	Conventional		
BODY, SUSPENSION AND STEERING			
Body type	All-steel unibody construction with DURASTEEL®		
Front suspension	Independent MacPherson struts with coil springs and stabilizer bar		
Rear suspension	Rear Multi-Link Beam™ suspension with stabilizer bar		
Steering ratio	16.6:1		
Turning circle (curb-to-curb in feet)	35.4 (15", 16"), 40.0 (17")		
Turns (lock-to-lock)	2.9		
Steering type	Power-assisted rack-and-pinion steering		
BRAKES	GXE	SE	GLE
Front: Power-assisted 11-inch vented discs	•	•	•
Rear: Power-assisted 10.94-inch solid discs	•	•	•
4-channel, 4-sensor Anti-lock Braking System (ABS)	•	•	•

ELECTRICAL	GXE	SE	GLE
Electronic/Nissan Direct Ignition System (NDIS)	•	•	•
110 amp alternator	•	•	•
Low-maintenance 12-volt battery	•	•	•
WHEELS AND TIRES	GXE	SE	GLE
15-inch steel wheels with covers (6.0JJ X 15)	•	-	-
16-inch aluminum-alloy wheels (6.5JJ X 16) luxury style	-	-	•
16-inch aluminum-alloy wheels (6.5JJ X 16) sport style	-	•	-
17-inch aluminum-alloy wheels (7.0JJ X 17) sport style	-	o	-
P205/65HR15 all-season steel-belted radial tires	•	-	-
P215/55HR16 all-season steel-belted radial tires	o	•	•
P225/50VR17 all-season steel-belted radial tires	-	o	-
EXTERIOR DIMENSIONS	GXE	SE	GLE
Wheelbase (in inches)		108.3	
Overall length (in inches)		190.5	
Overall width (in inches)		70.3	
Overall height (in inches)		56.5	
Front tread width (in inches) w/15 & 16 inch wheels		60.2	

Front tread width (in inches) w/17 inch wheels		59.8	
Rear tread width (in inches) w/15 & 16 inch wheels		59.4	
Rear tread width (in inches) w/17 inch wheels		59.1	
Trunk liftover height (in inches)		TBD	
Minimum ground clearance (in inches)	5.5	5.5 (16") 5.9 (17")	5.5
Coefficient of drag (Cd)	0.32	0.31	0.32
EXTERIOR FEATURES AND OPTIONS	GXE	SE	GLE
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 surround	•	-	•
Grille with black surround	-	•	-
Body-color rear spoiler	-	•	-
Heated outside mirrors	0	0	0
Electric rear window defroster	•	•	•
Center high-mount stop lamp, parcel shelf	•	•	•

(in rear spoiler on SE model)			
Bright chrome door handles	•	-	•
Body-color door handles	-	•	-
Sunroof	o	o	o
INTERIOR DIMENSIONS		Front	Rear
Head room (in inches)		40.5	37.4
Leg room (in inches)		44.8	36.2
Hip room (in inches)		55.3	53.7
Shoulder room (in inches)		56.9	56.2
INTERIOR FEATURES AND OPTIONS	GXE	SE	GLE
Seating for five	•	•	•
8-way manual driver seat	•	•	-
8-way power driver seat	o	o	•
4-way manual passenger seat	•	•	-
4-way power passenger seat	-	o	•
Adjustable front head restraints	•	•	•
Cloth seating surfaces - luxury style	•	-	-
Cloth seating surfaces - sport style	-	•	-
Leather seating surfaces	-	o	•
Heated front seats	o	o	o
Passenger seat back pocket	-	o	•
Leather-wrapped steering wheel and shift lever/knob	-	•	•
Simulated wood tone trim	-	-	•

CAPACITIES			
Seating capacity	5		
Interior passenger volume (cu. ft.)	102.5		
Cargo volume (cu. ft.)	15.1		
Fuel tank (gals.)	18.5		
Engine oil (qts.)	4.7		
Engine coolant (qts.)	8.1		
Maximum towing capacity (lbs.)	TBD		
CURB WEIGHTS	GXE	SE	GLE
Manual transmission	3,186	3,199	-
Automatic transmission	3,235	3,245	3,294
Weight distribution (fr/rr %)	Manual transmission	61/39	61/39
	Automatic transmission	62/38	62/38
COMFORT AND CONVENIENCE	GXE	SE	GLE
FEATURES AND OPTIONS			
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	o	•
Height adjustable center console	o	•	•
Remote keyless entry system	•	•	•
Locking glove compartment	•	•	•
Dual illuminated vanity mirrors	•	•	•
Manual temperature control	•	•	-
Automatic temperature control	-	o	•
Front dual cup holders with cover	•	•	•
Rear dual cup holders	•	•	•
Rear 12-volt power outlet	•	•	•
AUDIO SYSTEMS	GXE	SE	GLE
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 7-speaker audio system with auto-reverse cassette, Dolby® Noise reduction, automatic metal tape capability, clock display	-	o	•
In-glass diversity antenna	•	•	•

SAFETY AND SECURITY FEATURES				
Driver and passenger supplemental air bags		•	•	•
Front supplemental side-impact air bags		o	o	o
Remote keyless entry and Vehicle Security System with indicator light		•	•	•
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		•	•	•
EPA MILEAGE ESTIMATES		GXE	SE	GLE
Manual transmission	City	21	21	-
	Highway	27	27	-
Automatic transmission	City	20	20	20
	Highway	28	28	28
INSTRUMENTATION		GXE	SE	GLE
Speedometer, coolant temperature gauge		•	•	•
Tachometer		•	•	•

White-faced electroluminiscent speedometer and tachometer gauges	•	-	•
Titanium-faced electroluminiscent speedometer and tachometer gauges	-	•	-
LCD odometer with dual trip meters	•	•	•
Digital quartz clock in audio display	•	•	•
FACTORY OPTIONS AND PACKAGES	GXE	SE	GLE
Power sliding glass sunroof with rear tilt feature, sliding sunshade, one touch open/close	o	o	o
Automatic transmission	o	o	•
Meridian Edition - includes front-seat side air bags, heated front seats, heated outside mirrors, low washer fluid warning light (GXE requires Comfort and Convenience Package, SE requires Comfort and Convenience Package)	o	o	o
GXE Comfort and Convenience Package - includes 8-way power driver's seat, variable intermittent wipers, height adjustable center console, premium 3-in-1 audio system w/6 speakers, cargo net, 16-inch alloy wheels (requires automatic transmission)	o	-	-
SE Comfort and Convenience Package - includes sunroof, 8-way power driver's seat, HomeLink® Universal Transceiver, cargo net, variable intermittent wipers, 17-inch alloy wheels with V-rated tires	-	o	-
SE Leather Trim Package - leather seating surfaces, 4-way power front passenger seat, automatic temperature control, passenger-side seatback pocket, outside temperature display			

	-	o	-
Traction control	-	o	o
	•	Standard Equipment	
	o	Optional Equipment	
	-	Not Available	