

## 1998 Nissan Sentra



### **Nissan Sentra Sedan Range Extended With New SE Model For 1998 Model Year**

Nissan's range of Sentra sedans has grown for the 1998 model year with the addition of a sporty Sentra SE, featuring more aggressive accents and the same 2.0-liter engine that powers the company's renowned 200SX SE-R sports coupe. The new offering complements the existing lineup of Base, XE, GXE and GLE models.

All 1998 Nissan Sentras benefit from refreshed styling, with updated front and rear fascias. Sentra continues to offer consumers a well-balanced blend of affordability and efficiency without sacrificing style, quality or comfort. Designated as compact cars by EPA classification, the unique qualities of Sentra - roomy interior, smooth ride and responsive handling - make it operate and feel more like a mid-size sedan with subcompact pricing and fuel economy.

"With the addition of the sporty new Sentra SE model, the Sentra sedan line now offers something special for every buyer, with excellent price and quality from the value-leading base model to the hot new sport-tuned SE," Said Tom Eastwood, vice president, Nissan Division. "Sentra sedans are a prime example of how the Nissan brand offers consumers vehicles that are equipped - and priced - the way our buyers want them."

Sentra continues to offer many unique features not common in other entry-level sedans. Jointly developed by designers and engineers in the U.S. and Japan, Sentra offers an expansive 97.9 cu. ft. of interior volume, providing a comfortable space for both driver and passengers.

#### **Engine/Suspension/Body Structure**

The new Sentra SE is powered by Nissan's proven 2.0-liter 4-cylinder all-aluminum engine. This responsive powerplant - also used in the Nissan 200SX SE-R - produces 140 horsepower at 6,400 rpm and 132 ft-lbs of torque at 4,800 rpm and has a high-revving 7,100 rpm redline. The dual overhead camshaft cylinder head allows easy breathing with a 4-valve-per-cylinder valvetrain. This combination of power and lightweight materials provides performance and responsiveness uncommon to this class of sedan.

Base, XE, GXE, and GLE model Sentras are powered by a 1.6-liter DOHC 4-cylinder engine that delivers 115 horsepower and 108 ft-lbs torque at 6,000 and

4,000 rpm, respectively. Mated to the easy-shifting 5-speed manual transmission, Sentra delivers an impressive 39 miles per gallon highway and 29 miles per gallon city (EPA estimates), and meets the California Air Resources Board's stringent requirements for Low Emission Vehicles (LEV).

The Sentra's 1.6-liter engine utilizes the Nissan Variable Valve Timing Control System (NVTCS) to provide optimum performance and fuel economy. 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 Sentra's 1.6-liter engine provide better performance at lower engine speeds, without sacrificing high speed power output or fuel economy.

As a true standout in its segment, Sentra has to offer much more than fuel economy - and it does, by making the most of its size. To offer more usable interior volume, Nissan utilizes its innovative rear Multi-Link Beam suspension, which allows for compact suspension packaging, leaving more room for rear seat passengers and a larger trunk than other bulkier rear suspension designs. Additionally, this advanced suspension provides more predictable handling and less road noise than traditional designs.

Front suspension is independent strut-type with coil springs. Sentra XE, GXE, GLE and SE are equipped with standard rear stabilizer bars to improve handling, while the SE model adds a front stabilizer bar to match handling with its improved performance.

By employing a stiff body, reducing the number of rear suspension mounting points and using a large muffler, Nissan has resourcefully minimized interior noise and vibration.

Stopping power for the new SE model is provided by 4-wheel disc brakes. Base, XE, GXE and GLE models utilize a front disc, rear drum braking system.

### **Safety Features**

The 1998 Sentra also features an extensive list of standard safety features including: dual air bags; energy-absorbing steering column; manual 3-point front seat belts with height-adjustable anchors; and steel side-door guard beams.

Standard Equipment/Optional Features and Packages The 1998 Sentra is offered in five trim levels - value-leading Base, practical XE, logically-equipped GXE, luxury-oriented GLE and the sporty new SE.

Nissan Sentra comes equipped with a number of thoughtful and functional features, all of which add to the excellent value of the vehicle. Adjustable front head restraints, a tilt steering column, low-fatigue reclining front seats, easy access pull-out cup holders and an easy-to-reach center console add comfort for the driver and passengers on a short local trips or longer highway travels.

Distinguishing the various Sentra models are several available comfort and

convenience features, including: power windows and door locks, power sliding glass sunroof with sun shade, an advanced audio system, remote keyless entry and vehicle security system, automatic transmission; and 4-channel/4-sensor anti-lock braking system (ABS).

While the SE is equipped with standard speed-sensitive power steering, XE, GXE and GLE models offer standard power-assisted rack-and-pinion steering. The XE, GXE, GLE and SE models are offered with an electronically controlled 4-speed automatic overdrive transmission. Standard on XE are: rear stabilizer bar, AM/FM/cassette with digital clock and four speakers and CFC-free air conditioning. The GXE model extends the list of standard features by adding lower body side sill extensions, dual power remote outside mirrors, 60/40 split fold-down rear seatback, cruise control and power windows and door locks.

The deluxe GLE model is equipped with 14-inch aluminum-alloy wheels, velour seat cloth, lower body side sill extensions, tachometer, remote keyless entry and vehicle security system.

The performance leading SE offers, in addition to the high-output 2.0-liter engine, standard 15-inch aluminum alloy wheels, rear disc brakes, stylish body-color front air dam and rear spoiler, lower body side sill extensions, fog lamps and Nissan's signature white-on-black reversible tachometer and speedometer.

### **Design/Exterior Styling**

With a sleek and aerodynamic exterior design, the 1998 Sentra's updated styling is eye-catching and elegant. The high rear decklid, low hood line and steeply raked windshield not only complement each other aesthetically, but also provide for a low 0.33 coefficient of drag (Cd).

The 1998 Sentra is available in nine exterior colors, including four all-new shades for 1998. New colors include: Cinnamon Bronze, Slate Blue, Sierra Pine and Goldstone. The following popular colors return from the 1997 model year: Ruby Pearl, Super Black, Platinum Gold, Cloud White and Anthracite Gray. Coordinating interior cloth colors include Gray and Brown on Base, XE, GXE and GLE and an all-new Charcoal specifically for Sentra SE.

### **Warranty**

All 1997 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 Corrosion Coverage and a Lifetime Seat Belt Warranty

### **1998 Nissan Sentra**

ENGINE		BASE/XE/GXE/GLE	SE

	<b>Type</b>	KA24DE DOHC 16-valve 4-cylinder engine, cast iron block, aluminum head	SR 20 DE 16-valve 4-cylinder engine, aluminum block, aluminum head
	<b>Displacement</b>	1.6 liter/1,597 cc	2.0 liter/1998 cc
	<b>Horsepower (SAE net)</b>	115 hp @ 6,000 rpm	140 hp @ 6,400 rpm
	<b>Torque (SAE net)</b>	108 ft-lbs @ 4,000 rpm	132 ft-lbs @ 4,800 rpm
	<b>Bore &amp; Stroke (in.)</b>	2.992 x 3.465/76 X88	3.39 x 3.39/86 x 86
	<b>Compression Ratio</b>	9.9:1	
	<b>Induction System</b>	Electronic sequential multi-point fuel injection system	
	<b>Valvetrain</b>	DOHC, 4-valve-per-cylinder, mechanical lifters	
	<b>Recommended Fuel</b>	Regular unleaded	
	<b>Emissions System</b>	Feedback fuel system, catalytic converter update	
	<b>Maximum Engine Speed</b>	6,900 rpm	7,100 rpm
<b>DRIVETRAIN</b>	<b>Drive Configuration</b>	Front engine/front-wheel drive	
	<b>Transmission Type (overdrive)</b>	Electronically controlled 4-speed automatic or 5-speed manual transmission	
	<b>Gear Ratios (:1)</b>		
	<b>1st</b>	3.333/2.861	3.63/2.861
	<b>2nd</b>	1.955/1.562	1.826/1.562
	<b>3rd</b>	1.286/1.000	1.286/1.000
	<b>4th</b>	0.926/0.697	0.975/0.697
	<b>5th</b>	0.733	0.756/--
	<b>reverse</b>	3.417/2.310	3.153/2.310
	<b>Final Drive Ratio (:1)</b>	3.827/3.789	4.176/3.827
	<b>Differential</b>	Conventional	
<b>BODY/ CHASSIS/ SUSPENSION</b>	<b>Body Type</b>	All-steel unibody with DURASTEEL®	

	<b>Front Suspension</b>	Independent MacPherson struts with shock absorbers
	<b>Rear Suspension</b>	Rear Multi-Link Beam™ suspension with 28.6 mm rear stabilizer bars (XE, GXE, and GLE only)
<b>STEERING &amp; BRAKING</b>	<b>Steering Type</b>	Power-assisted rack-and-pinion steering (Manual rack-and-pinion only on Base)
	<b>Steering Ratio</b>	17.49:1
	<b>Turning Circle (curb-to-curb)</b>	34.1 ft
	<b>Turns (lock-to-lock)</b>	3.01
	<b>Braking Type</b>	
	<b>Front:</b>	Power-assisted 9.055 inch vented disc
<b>Rear:</b>	Power-assisted 7.09 inch drums (standard) Power-assisted 9.13 inch discs (w/ ABS option) Optional 4-channel/4-sensor anti-lock braking system (ABS) available on GXE and GLE	

<b>ELECTRICAL</b>	<b>Base/XE</b>	<b>GXE/GLE</b>	<b>SE</b>
	<b>Ignition System</b>	Electronic	
	<b>Alternator</b>	80 amp	
	<b>Battery</b>	Low-maintenance 12-volt, 49 Ah	

<b>WHEELS &amp; TIRES</b>	<b>Wheel Type</b>	Styled steel w/center cap	styled steel w/full wheel cover	Aluminum alloy wheels
	<b>Wheel Size/Offset</b>			
	<b>Base/XE</b>	5.0J x 13/40mm	5.5 JJ x 14/40mm	5.5 JJ x 15/40mm
	<b>GXE/GLE/SE</b>			
	<b>Tire Type</b>	All-season steel-belted radial		
	<b>Tire Size</b>			
	<b>Base</b>	P155/80R13	P175/65R14	P195/55R15
	<b>XE</b>	P175/70R 13		

<b>EXTERIOR DIMENSIONS</b>	<b>Wheelbase (in.)</b>	99.8
	<b>Overall Length (in.)</b>	171.1
	<b>Overall Width (in.)</b>	66.6
	<b>Overall Height (in.)</b>	54.5

	<b>Tread Width (front/rear) (in.)</b>	58.3/56.9 (13" tire)	57.9/56.5 (14" tire)	57.9/56.5 (15" tire)		
	<b>Trunk Lifter Height (in.)</b>	22.3				
	<b>Min. Ground Clearance (in.)</b>	5.8 (13" tire)	6.1 (14" tire)	6.2 (15" tire)		
	<b>Coefficient of Drag (Cd)</b>	0.33				
<b>INTERIOR DIMENSIONS</b>		<b>Front Seat</b>		<b>Rear Seat</b>		
	<b>Head Room (in.)</b>	39.1		36.5		
	<b>Shoulder Room (in.)</b>	53.2		53.1		
	<b>Hip Room (in.)</b>	50.1		52.8		
	<b>Leg Room (in.)</b>	42.3		32.4		
<b>WEIGHTS &amp; CAPACITIES</b>	<b>Seating</b>	5				
	<b>Passenger Comp. Vol. (cu. ft.)</b>	87.2				
	<b>Cargo Volume (cu. ft.)</b>	10.7				
	<b>Fuel Tank (gals.)</b>	13.2				
	<b>Engine Coolant (qts.)</b>	5.5 (M/T); 6 (A/T)				
	<b>Oil (qts.)</b>	3.375 w/ filter				
	<b>Maximum Towing (lbs.)</b>	1,000				
	<b>Curb Weight (lbs.)</b>	<b>Base</b>	<b>XE</b>	<b>GXE</b>	<b>GLE</b>	<b>SE</b>
	<b>5-speed manual</b>	2,315	2,360	2,379	2,398	3,481
	<b>4-speed automatic</b>	N/A	2,412	2,432	2,451	3,540
	<b>Weight Distribution (F/R%)</b>					
		<b>M/T</b>	62/38	62/38	62/38	62/38
		<b>A/T</b>	N/A	63/37	63/37	63/37
<b>FUEL ECONOMY*</b>		1.6-liter		2.0-liter		
	<b>Highway/City - 5 spd. man. (mpg)</b>	40/30 mpg		31/23		
	<b>Highway/City - 4 spd. auto. (mpg)</b>	37/28 mpg		30/23		
	<b>EPA Classification</b>	Sub-compact				
<b>PERFORMANCE</b>	<b>Acceleration 0-60 mph**</b>	8.5 seconds		N/A		
	<b>Maximum Speed</b>					
		<b>M/T</b>	112 mph		N/A	
		<b>A/T</b>	109 mph		N/A	

\* EPA estimate for comparison only; actual mileage may vary

\*\* On 1995 GXE M/T: *Car and Driver*6/95

## Features

	Base	XE	GXE	SE	GLE
<b>MECHANICAL</b>					
1.6-liter DOHC 16-valve 4-cylinder engine	S	S	S		S
2.0-liter DOHC 16-valve all-aluminum 4-cylinder engine				S	
5-speed manual overdrive transmission	S	S	S	S	S
Power-assisted rack-and-pinion steering		S	S	S	S
Power-assisted vented front disc / rear drum brakes (rear discs on SE)	S	S	S	S	S
Independent strut front suspension	S	S	S	S	S
Rear Multi-Link Beam suspension	S	S	S	S	S
Rear stabilizer bar		S	S	S	S
Front stabilizer bar					
<b>EXTERIOR</b>					
Styled steel wheels with center cap	S				
Styled steel wheels with full covers		S	S		
Aluminum-alloy wheels	A	A	A	S	S
Flush-mounted halogen headlights	S	S	S	S	S
Fog lights				S	
Blue green tinted glass	S	S	S	S	S
Body-color front grille	S	S	S	S	S
Driver's side outside mirror	S				
Dual outside mirrors		S			
Dual power remote-controlled outside mirrors with passenger-side convex mirror			S	S	S
Rear spoiler				S	
Body-color side sill extensions				S	
Black body side moldings			S		
Body-color body side moldings				S	S
Body-color door handles				S	S
Black bumpers	S				
Body-color bumpers		S	S	S	S
5 mph certified energy absorbing bumpers	S	S	S	S	S
<b>INTERIOR/SEATING AND TRIM</b>					
Reclining front bucket seats	S	S	S	S	S

60/40 split fold-down rear seats with high seat backs			S	S	S
Woven seat trim	S	S			
Knit seat trim			S		
Luxury velour cloth seat trim				S	S
Full molded door trim	S	S			
Deluxe door trim with cloth insert			S	S	S
Front door map pockets	S	S	S	S	S
Full carpeting	S	S	S	S	S
<b>COMFORT AND CONVENIENCE</b>					
CFC-free air conditioning		S	S	S	S
Power windows with one-touch driver's down feature			S	S	S
Power door locks			S	S	S
Dual cup holders	S	S	S	S	S
Passenger vanity mirror			S	S	S
Tilt steering column	S	S	S	S	S
Trunk lamp			S	S	S
2-speed windshield wipers / washers	S				
2-speed with fixed intermittent windshield wipers / washers		S	S	S	S
Rear window defroster / side window defoggers	S	S	S	S	S
Remote keyless vehicle entry and security system				S	S
Remote trunk, fuel-filler door releases		S	S	S	S
12-volt DC in-dash power source	S	S	S	S	S
Drivers side left foot rest	S	S	S	S	S
Fold-down center armrest (with automatic tran				S	S
Center console	S	S	S	S	S
Front passenger's side assist grip	S	S	S	S	S
Rear coat hooks		S	S		
Rear assist grips				S	S
<b>INSTRUMENTATION</b>					
Speedometer, coolant temperature gauge	S	S	S	S	S
Trip odometer	S	S	S	S	S
White-face electroluminescent speedometer and tachometer				S	
Tachometer				S	S
Digital quartz clock (in radio display)		S	S	S	S
<b>AUDIO SYSTEM</b>					
Electronically tuned AM/FM/cassette audio system					



with DolbyÆ noise reduction, auto-reverse and 4 speakers		S	S	S	S
<b>SAFETY AND SECURITY</b>					
Dual air bags (SRS)	S	S	S	S	S
3-point manual front shoulder belts (passenger side ALR/ELR) with height-adjustable front shoulder belts	S	S	S	S	S
3-point manual seat belts in rear outboard positions (ALR/ELR)	S	S	S	S	S
Front- and rear crumple zones	S	S	S	S	S
Child-safety rear door locks	S	S	S	S	S
Steel side-door guard beams (Standard)	S	S	S	S	S
Energy-absorbing steering column	S	S	S	S	S
<b>FACTORY OPTIONS AND PACKAGES</b>					
4-speed automatic overdrive transmission		O	O	O	O
Anti-lock braking system (ABS) w/ rear disc brakes			O	O	O
Power sliding glass sunroof				O	O

DEALER-INSTALLED ACCESS CD player, CD autochangers (6-disc cargo area-mounted; 3-disc in-dash), cassette deck cleaner, rear spoiler, carpeted floor mats, sunroof wind deflector, 13" alloy wheels, wheel locks, cigarette lighter, car cover/cable lock, battery warmer, center console armrest, passenger-side mirror, splash guards, nose mask, engine block heater, convenience net, leather steering wheel/shift knob, AM/FM/cassette audio systems, in-dash cellular phone, vehicle security system, air conditioner

### **1998 Nissan Pricing - Sentra**

Base      \$11,499  
 XE        \$13,699  
 GXE      \$14,899  
 SE (new) \$16,749  
 GLE      \$15,749  
 Destination & Handling \$490

The suggested price includes manufacturer's recommended vehicle preparation charges, but not destination and handling charges or state, local and luxury excise taxes, if any. The base price includes all emission equipment Dealer sets in actual price.