

## 1997 Nissan 240sx



Building on a rich racing heritage that spans nearly three decades, Nissan has introduced the refreshed 1997 240SX sports car, featuring updated styling and a new luxury edition (LE) model.

A new front bumper fascia, re-styled front grille design, jewel-like multi-parabola headlights, sleek new taillights and new wheel treatments headline the enhancements to the 1997 240SX, now available in Base, SE and new LE (available mid-year) trim levels. In addition, SE and LE models sport new lower body side sill extensions and an available titanium color leather interior. Refreshed fog lights are integrated into the (SE, LE) front fascia accenting 240SX fluid sports car styling.

“The new 1997 240SX combines contemporary styling and elegance with Nissan’s distinctive sports car history, which dates back 26 years to the original Datsun 240Z,” said Thomas H. Eastwood, vice president, Nissan Division. “True to its roots, this new 240SX boasts exciting rear-wheel-drive performance and smart styling at competitive prices.”

The 240SX design draws on Nissan’s distinguished Motorsports history. Nissan has claimed nearly 40 IMSA and SCCA championships since the introduction of the original Datsun 240Z in 1970.

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

All three 240SX models are equipped with a responsive 2.4-liter DOHC 16-valve 4-cylinder engine rated at 155 horsepower and 160 ft-lbs of torque. This powerplant delivers much of its torque at low- to mid-range rpm’s for smoother, more linear acceleration. All 240SX models are available with a 5-speed manual overdrive transmission or an electronically controlled 4-speed automatic transmission. The manual transmission features a reverse gear synchromesh and a double-cone second gear synchronizer for easier shifting. In addition, the optional automatic transmission features Nissan’s DUET-EA system, which is electronically linked to the engine control module (ECM) facilitating smoother, more controlled shifts.

A 4-wheel independent multi-link suspension with front stabilizer bar is standard on all three 240SX models. The front suspension uses MacPherson struts with a 27.2 mm stabilizer bar, the rear suspension is an independent multi-link design with coil springs. SE and LE are equipped with a 15.9 mm rear stabilizer bar, thicker struts and stiffer shock absorbers for a sportier driving experience.

The 240SX’s authentic sports car image is highlighted by high-performance all-season

radial tires which help provide traction in all driving conditions. The placement of the wheels toward each corner of the car gives the 240SX a stronger and more stable platform.

For added driver confidence, all 240SX models feature a precise power-assisted rack-and-pinion steering system for natural-feeling steering. For maximum control on slippery surfaces or during hard cornering, a traction-enhancing rear viscous limited-slip differential (VLSD) is available on 240SX SE and LE.

### **Safety Features**

Safety is another critical component of the 240SX design. Exacting attention has been devoted to both active and passive safety. 240SX's long list of safety features starts with standard 4-wheel disc brakes, ensuring exceptional stopping power. A 3-channel/3-sensor anti-lock braking system (ABS) is optional on all three models, minimizing the possibility of wheel lockup while enhancing driver control during extreme braking situations.

In addition to class-leading braking, 240SX offers the reassurance of dual air bags, 3-point front and rear seat belts, front and rear body structure crumple zones, an energy-absorbing steering column and driver- and front-passenger knee bolsters. Additionally, pipe-style steel side-door guard beams help 240SX meet 1997 Federal Side-Impact Safety Standards.

### **Standard Equipment/Optional Features and Packages**

All three 240SX models are equipped with a long list of standard comfort and convenience features including: power windows with driver-side one-touch auto-down feature; digital clock; rear window defroster; side window demister; center console with covered storage area; large front-door map pockets; and a one-piece fold-down rear seat with trunk pass-through.

For 1997, 240SX Base model is available with two option packages. The Power and Convenience Package includes: 2-speed wipers with fixed intermittent feature; 15-inch aluminum-alloy wheels; power door locks; body-colored dual power remote-controlled outside mirrors; tilt steering column; remote trunk release; passenger-side vanity mirror; cloth door inserts; lockable glove compartment; and cup holder. The Popular Equipment Package features: CFC-free air conditioning; AM/FM/cassette 50 watt stereo with four speakers and mast antenna; and cruise control with steering-wheel-mounted-controls.

The sport-oriented 240SX SE and LE models have been updated with distinctive new fog lights, lower body side sill extensions and body-color rear spoiler. Further enhancing the look of the SE models are sporty black-on-white analog gauges, 16-inch aluminum-alloy

wheels and 205/55VR16 high-performance all-season tires. In addition to the standard equipment listed above, SE and LE models feature Power and Convenience and Popular Equipment Packages.

The 240SX SE is also available with optional leather seating surfaces, leather-wrapped steering wheel and gear shift knob (manual transmission only), as well as a power tinted glass sunroof with tilt feature and dual map lights.

The new top-of-the-line 240SX LE, available mid-year, offers a unique combination of sports car styling and performance with luxurious amenities. Fitted with aggressive lower body side sill extensions and body-color rear spoiler, 240SX LE comes equipped with such features as leather seating surfaces, remote keyless entry and vehicle security system and AM/FM 100-watt stereo with compact disc player and six speakers.

### **Design/Exterior Styling**

240SX is built using Nissan's Intelligent Body Assembly System (IBAS) -- the same process used to assemble the prestigious Infiniti Q45. IBAS provides an ultra-precise level of body dimensional accuracy and consistent fit and finish. Powerful Cray? supercomputers were used in the design and structural analysis of the 240SX platform and body components to improve torsional rigidity by 50 percent and bending rigidity by 100 percent over the previous generation 240SX.

240SX's authentic sports car feel is enhanced by road-gripping high-performance all-season radial tires, ensuring traction in a variety of weather conditions. 240SX features 195/60HR15 tires mounted to 15-inch steel wheels with aerodynamic wheel covers (15-inch aluminum-alloy wheels are optional). 240SX SE and LE models are mated with lower-aspect ratio 205/55VR16 tires fitted to 16-inch 5-spoke aluminum-alloy wheels.

To keep each 240SX looking like new through the years, Nissan applies an innovative Cross-Linking Clear Coat? paint. This application provides much greater resistance to scratching and acid rain, and is more durable than conventional paint.

New for 1997 are four exterior colors: Silver Moss, Deep Fuchsia, Starfire Blue Pearl and Cobalt Green Pearl, adding to the existing palette of Super Black, Ultra Red and Aspen White. 240SX Base model and SE models come with a black, patterned Moquette fabric seat material (leather seating optional on the SE), while the LE features standard Titanium leather seating surfaces.

### **1997 Nissan 240SX Specifications & Features**

<b>ENGINE</b>	<b>Type</b>	KA24DE DOHC 16-valve 4-cylinder
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		engine, cast iron block, aluminum heads	
	<b>Displacement</b>	2.4-liter/2,389 cc	
	<b>Horsepower (SAE net)</b>	155 hp @ 5,600 rpm	
	<b>Torque (SAE net)</b>	160 ft-lbs @ 4,400 rpm	
	<b>Bore &amp; Stroke (in.)</b>	3.50 x 3.78	
	<b>Compression Ratio</b>	9.5:1	
	<b>Induction System</b>	Electronic sequential multi-point fuel injection system	
	<b>Valvetrain</b>	DOHC 4-valves-per-cylinder, mechanical lifters	
	<b>Recommended Fuel</b>	Premium unleaded	
	<b>Emissions System</b>	Feedback fuel system, 3-way catalytic converter update	
	<b>Maximum Engine Speed</b>	N/A	
<b>DRIVETRAIN</b>	<b>Drive Configuration</b>	Front engine/rear-wheel drive	
	<b>Transmission Type (overdrive)</b>	Electronically controlled 4-speed automatic w/ DUET - EA or 5-speed manual	
	<b>Gear Ratios (:1)</b>	4-speed automatic	5-speed manual
	<b>1st</b>	2.79	3.321
	<b>2nd</b>	1.55	1.902
	<b>3rd</b>	1.000	1.308
	<b>4th</b>	0.69	1.000
	<b>5th</b>	--	0.759
	<b>reverse</b>	2.27	3.657
	<b>Final Drive Ratio (:1)</b>	4.08	4.083
	<b>Differential</b>	Conventional (limited-slip optional on SE & LE)	
<b>BODY/ CHASSIS/ SUSPENSION</b>	<b>Body Type</b>	All-steel unibody with DURASTEEL®	
	<b>Front Suspension</b>	Independent MacPherson struts, coil springs and 27.2 mm stabilizer bar	

	<b>Rear Suspension</b>	Independent multi-link design with coil springs (15.9 mm stabilizer bar on SE and LE)		
<b>STEERING &amp; BRAKING</b>	<b>Steering Type</b>	Power-assisted rack-and-pinion steering		
	<b>Steering Ratio</b>	17.2:1		
	<b>Turning Circle (curb-to-curb)</b>	31.5		
	<b>Turns (lock-to-lock)</b>	3.1		
	<b>Braking System Front:</b>	Power-assisted 10.12 inch vented discs		
	<b>Rear:</b>	Power-assisted 10.16 inch discs		
	Optional 3-channel/3-sensor anti-lock braking system (ABS)			
<b>ELECTRICAL</b>	<b>Ignition System</b>	Electronic/Nissan Direct Ignition System (NDIS)		
	<b>Alternator</b>	80 amp (90 amp w/ fog lamps)		
	<b>Battery</b>	Low-maintenance 12-volt, 55 Ah		
<b>WHEELS &amp; TIRES</b>	<b>Wheel Types</b>	<b>Base:</b>	Steel w/ full wheel cover (std.); aluminum-alloy wheels optional	
		<b>SE/LE:</b>	Aluminum-alloy wheels	
	<b>Wheel Size/Offset</b>	<b>Base:</b>	6.0JJ x 15/40 mm	
		<b>SE/LE:</b>	6.5JJ x 16/40 mm	
	<b>Tire Type</b>	High performance all-season steel-belted radial		
	<b>Tire Size</b>	<b>Base:</b>	P195/60HR15	
<b>SE/LE:</b>		P205/55VR16		
<b>EXTERIOR DIMENSIONS</b>	<b>Wheelbase (in.)</b>	99.4		
	<b>Overall Length (in.)</b>	177.2		
	<b>Overall Width (in.)</b>	68.1		
	<b>Overall Height (in.)</b>	51.0		
	<b>Tread Width (front/rear)</b>	58.3/57.9		
	<b>Trunk Liftover Height</b>	N/A		

	(in.)			
	<b>Min. Ground Clearance (in.)</b>	5.1		
	<b>Coefficient of Drag (Cd)</b>	Base: 0.35 SE/LE: 0.34		
<b>INTERIOR DIMENSIONS</b>		<b>Front Seat</b>	<b>Rear Seat</b>	
	<b>Head Room (in.)</b>	38.3	34.3	
	<b>Shoulder Room (in.)</b>	52.0	42.2	
	<b>Hip Room (in.)</b>	50.6	42.2	
	<b>Leg Room (in.)</b>	42.6	20.8	
<b>WEIGHTS &amp; CAPACITIES</b>	<b>Seating Capacity</b>	5		
	<b>Passenger Comp. Vol. (cu. ft.)</b>	70.8		
	<b>Cargo Volume (cu. ft.)</b>	8.6		
	<b>Fuel Tank Capacity (gals.)</b>	17.2		
	<b>Engine Coolant (qts.)</b>	7.25 w/ reservoir		
	<b>Oil (qts.)</b>	4.0 w/ filter		
	<b>Maximum Towing Capacity (lbs.)</b>	1,000		
	<b>Curb Weight (lbs.)</b>	Base: 2,800 (manual)	2,859 (automatic)	
		SE/LE: 2,862 (manual)	2,920 (automatic)	
	<b>Weight Distribution (F/R %)</b>	<b>M/T</b>	55/45	
<b>A/T</b>		56/44		
<b>FUEL ECONOMY*</b>	<b>Highway/City - 5 sp. man. (mpg)</b>	28/22		
	<b>Highway/City - 4 sp. auto. (mpg)</b>	26/21		
	<b>EPA Classification</b>	Mini-compact		
<b>PERFORMANCE</b>	<b>Acceleration 0-60 mph</b>	7.5 seconds		
	<b>Maximum Speed</b>	N/A		

	M/T	
	A/T	N/A

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

<b>Features and Options</b>			
	BASE	SE	LE
<b>MECHANICAL</b>			
2.4-liter DOHC 16-valve 4-cylinder engine	S	S	S
Sequential multi-point fuel injection system	S	S	S
Front-engine / rear-wheel drive	S	S	S
5-speed manual overdrive transmission	S	S	S
Power-assisted rack-and-pinion steering	S	S	S
Independent front strut suspension	S	S	S
Independent multi-link rear suspension	S	S	S
Front stabilizer bar	S	S	S
Rear stabilizer bar		S	S
Power-assisted 4-wheel disc brakes (vented front rotors)	S	S	S
Sport-tuned suspension		S	S
<b>EXTERIOR</b>			
15-inch steel wheels with full aerodynamic wheel covers	S		
15-inch aluminum-alloy wheels	PKG		
16-inch aluminum-alloy wheels		S	S
195/60HR15 high-performance all-season tires	S		
205/55VR16 high-performance all-season tires		S	S
Halogen projector multi-parabola headlights	S	S	S
Energy-absorbing, body-color front- and rear bumpers	S	S	S
Semi-concealed windshield wipers	S	S	S
Tinted glass with dark-tint upper windshield band	S	S	S
Body-color dual power remote-controlled outside mirrors	S	S	S

Integrated high-mount stoplight	S	S	S
Rear spoiler	A	S	S
Side sill extensions		S	S
Halogen fog lights		S	S
Double chrome-tipped exhaust finishers		S	S
INTERIOR/SEATING AND TRIM			
Reclining low-back front bucket seats	S	S	S
One piece fold-down rear seat w/ trunk pass-through	S	S	S
Moquette fabric seat material	S		
Moquette fabric seat material (with sporty center insert)		S	
Leather seating surfaces		PKG	S
Cloth door trim	S	S	
Leather-wrapped steering wheel and manual gear shift knob		PKG	S
Large map pockets	S	S	S
Cut-pile carpeting	S	S	S
COMFORT AND CONVENIENCE			
CFC-free air conditioning	A/PKG	S	S
Power windows with driver-side one-touch auto-down feature	S	S	S
Power door locks	PKG	S	S
Remote keyless entry and vehicle security system		PKG	S
Cruise control	PKG	S	S
Tilt steering column	PKG	S	S
2-speed windshield wipers / twin-stream washers	S		
2-speed & fixed intermittent windshield wipers / twin-stream washers	PKG	S	S
Electric rear window defroster with timer	S	S	S
Side window misters	S	S	S
Remote fuel-filler door and hood release	S	S	S
Remote trunk release	PKG	S	S
Center console with covered storage area	S	S	S
Day/night rearview mirror	S	S	S



Passenger-side visor vanity mirror		S	S
Interior courtesy lights	S	S	S
Dual map lights	PKG	PKG	
<b>INSTRUMENTATION</b>			
Analog tachometer / trip odometer	S	S	S
Analog speedometer, coolant temperature sensor and fuel level gauge	S	S	S
Black-on-white analog gauges with reverse-to-electroluminescent lighting		S	S
Digital quartz clock	S	S	S
<b>AUDIO SYSTEMS</b>			
Electronically tuned AM / FM / cassette stereo w/4-speakers (50 watts) and DolbyÆ Noise Reduction	PKG	S	
Electronically tuned AM / FM / CD player with 6-speakers (100 watts)			S
Rod antenna	PKG	S	
Power antenna with diversity antenna system			S
<b>SAFETY AND SECURITY</b>			
Dual air bags (SRS)	S	S	S
Steel side-door guard beams (meets 1997 Federal Side-Impact Standards)	S	S	S
3-point front manual seatbelts with height-adjustable shoulder belts (passenger-side ALR/ELR)	S	S	S
3-point rear manual outboard seat belts (ALR/ELR)	S	S	S
Energy-absorbing steering column	S	S	S
Front-and rear crumple zones	S	S	S
Remote keyless entry and vehicle security system			S
<b>FACTORY OPTIONS AND PACKAGES</b>			
Power sliding tinted glass sunroof with tilt feature, sunshade and map lamp	O	O	
		O	O
Anti-lock braking system (ABS) and viscous limited-slip rear			

differential			
Electronically controlled 4-speed automatic overdrive transmission	O	O	O
Power and Convenience Package - 15-inch aluminum-alloy wheels, power door locks, tilt steering column, body-color power mirrors, remote trunk release, cloth door insert, 2-speed fixed intermittent wipers, passenger-side visor vanity mirror, locking glove compartment, cup holder	O		
Popular Equipment Package - CFC-free air conditioner, electronically tuned AM/FM/ cassette stereo w/ 4-speakers (50 watts), rod antenna, cruise control with steering wheel control	O		

#### DEALER-INSTALLED ACCESSORIES

Rear spoiler, sunroof wind deflector, wheel locks, car cover, nose mask, carpeted floor mats, splash guards, convenience net, air conditioner, battery warmer, cassette deck, cassette deck cleaner, engine heater, gold badging, CD autochangers (trunk-mounted, 6-disc; in-dash, 3-disc), cigarette lighter, in-dash cellular telephone

S	Standard Equipment
O	Optional Equipment
A	Accessory
PKG	Optional Package