

For Immediate Release

2011 Nissan Murano Specifications

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

Mechanical

Engine	
Name	VQ35DE
Cam design	DOHC
Orientation	Transverse
Cylinders / configuration	60 degree V6
Block / head composition	Aluminum/aluminum
Displacement (liters)	3.5
Horsepower	260 @ 6,000 rpm
Torque (lb-ft)	240 @ 4,400 rpm
Bore & stroke (mm)	95.5 x 81.4
Compression ratio (:1)	10.3
Spark plugs	Double-tipped platinum
Maximum engine speed	6,600 rpm
Valvetrain	4 valves per cylinder w/ Continuously Variable Timing Control (CVTC)
Intake system	NICS (Nissan Induction Control System)
Engine mounts	1 Liquid Filled (right side), 1 Solid (left side), 2 Vacuum-controlled Liquid Filled (front/rear), 2 Torque Rods (upper/lower)
Recommended fuel	Unleaded regular
Emissions system	Three-way catalyst
Emissions certification level	LEV2-ULEV (CAL), Tier 2 Bin 5 (FED)
Exhaust	Stainless steel, 2 mufflers

Electrical

Ignition system	Electric (direct ignition)
Starter	12 volt
Alternator	130 amp
Battery	12 volt

Transmission and Drive System

	AWD	FWD	
Drive configuration	Front engine	AWD	FWD
Transmission type	Continuously Variable Transmission (CVT)		
Gear ratios (:1)	2.371 - 0.439		
Reverse	1.766		
Final drive ratio (:1)	5.173		
Transfer case gear ratio (:1)	0.4048	-	

Brakes		
Standard		
Front	Type	Vented disc
	Rotor size (diameter x thickness) (in.)	12.6 x 1.1
Rear	Type	Vented disc
	Rotor size (diameter x thickness) (in.)	12.1 x 0.6
Electronic Brake force Distribution (EBD)		S
Brake Assist (BA)		S
Anti-lock Braking System (ABS)		S
	Number of wheels	4
	Number of channels	4
	Number of sensors	4
	G-Sensor	AWD models only
Parking brake	Location	Foot parking brake

	AWD				FWD				
	S	SV	SL	LE	S	SV	SL	LE	
Type	Vehicle-speed-sensitive power-assisted rack-and-pinion								
Overall ratio (:1)	18.5								
Turns (lock-to-lock)	18 inch wheels – 3.19 20 inch wheels – 3.08								
Turning diameter (ft.) - 18-inch/20-inch tires	38.1/39.4								
Steering wheel	Urethane	S	-	-	-	S	-	-	-
	Leather-wrapped	-	S	S	S	-	S	S	S
Switches	Cruise control	S							
	Audio	-	S	S	S	-	S	S	S
	Bluetooth	-	S	S	S	-	S	S	S
Adjustment	Manual tilt and telescope	S	S	S	-	S	S	S	-
	Power tilt and telescope	-	-	-	S	-	-	-	S
	2-driver memory	-	-	-	S	-	-	-	S
	Heated	-	-	S	S	-	-	S	S

Suspension		
Front	Twin-tube struts Stabilizer bar (25 mm)	Independent strut w/ coil springs S Solid
Rear	Twin-tube shock absorbers Stabilizer bar (20 mm)	Multi-link S Tubular

Body / Chassis	
Type	Unibody
Materials (primary)	Corrosion-resistant and high-strength steel
Tow hooks	Front (1)

Exterior

Wheels & Tires	AWD				FWD			
	S	SV	SL	LE	S	SV	SL	LE
Wheels								
18-inch 5-spoke aluminum-alloy	S	S	S	-	S	S	S	-
20-inch aluminum-alloy, titanium finish	-	-	-	S	-	-	-	S
7.5JJ x 18 inches	S	S	S	-	S	S	S	-
7.5JJ x 20 inches	-	-	-	S	-	-	-	S
Tires	T-rated							
P235/65R18	S	S	S	-	S	S	S	-
P235/55R20	-	-	-	S	-	-	-	S
Temporary spare tire Location	T165/90D18 Under cargo area floor							
Tire Pressure Monitoring System (TPMS)	S							

Exterior Features	AWD				FWD			
	S	SV	SL	LE	S	SV	SL	LE
Outside mirrors								
Type	Body color dual			S				
Adjustment	Power			S				
Heated	-	-	S	S	-	-	S	S
2-driver memory	-	-	S	S	-	-	S	S
Bumpers	Front/Rear			Body-colored				
Front and rear door handles	Chrome							
Windshield	Laminated UV-reducing							
Front door windows	Clear UV-reducing							
Rear window	Privacy glass			S				
Wipers	Variable, vehicle-speed intermittent with single sweep function and 2 fixed speeds							
Rain-sensing wipers	-	-	S	S	-	-	S	S
Dual Panel Moonroof	-	S	S	S	-	S	S	S
Roof rails	Black			-	S	S	-	
	Silver-accented			-	-	-	-	S
	Adjustable cross bars (accessory)			-	O	O	O	O

Lights	AWD				FWD						
	S	SV	SL	LE	S	SV	SE	LE			
Headlights											
Type	Halogen low/high beam			S	S	S	-	S	S	S	-
	Xenon (HID) low/high beam			-	-	-	S	-	-	-	S
	Auto on/off			-	S	S	S	-	S	S	S
	Adjustable sensitivity/timing			-	-	-	S	-	-	-	S
Halogen front fog lights	-	S	S	S	-	S	S	S			
Center high mount stop light	S										

Interior

Seating		AWD				FWD				
		S	SV	SL	LE	S	SV	SL	LE	
Capacity		5 passenger								
Materials	Cloth	S	S	-	-	S	S	-	-	
	Leather	-	-	S	S	-	-	S	S	
Front seats	Bucket	w/ height-adjustable head restraints								
	Heated	-	-	S	S	-	-	S	S	
Driver seat	6-way manual	S	-	-	-	S	-	-	-	
		8-way power	-	S	S	S	-	S	S	S
	Lumbar	Manual	S	-	-	-	S	-	-	-
		Power	-	S	S	S	-	S	S	S
		2-driver memory and auto entry/exit	-	-	S	S	-	-	S	S
Passenger seat	4-way manual	S	-	-	-	S	-	-	-	
	4-way power	-	S	S	S	-	S	S	S	
Rear seats	Type	3-passenger, reclining, fold flat 60/40 split bench w/ height adjustable heat restraints								
	Power return	-	-	S	S	-	-	S	S	
	Heated	-	-	-	S	-	-	-	S	

Audio and Entertainment		AWD				FWD			
		S	SV	SL	LE	S	SV	SL	LE
2-din AM/FM/6CD w/ 6 speakers		S	-	-	-	S	-	-	-
2-din AM/FM/CD w/ 6 speakers		-	S	-	-	-	S	-	-
Bose® 2-din AM/FM/CD w/ 9 speakers, dual subwoofers		-	-	S	S	-	-	S	S
9.3GB Music Box Hard Drive (substitutes 1CD for 6CD)		-	-	O	O	-	-	O	O
iPod® connector		-	S	S	S	-	S	S	S
Aux-in jack		S	-	-	-	S	-	-	-
A/V inputs (deletes Aux-in jack in head unit)		-	S	S	S	-	S	S	S
MP3/WMA playback		S							
Radio Data System		-	S	S	S	-	S	S	S
Bluetooth® Streaming Audio		-	-	O	O	-	-	O	O
Speed-Sensitive Volume control		S							
XM® satellite radio		-	S	S	S	-	S	S	S
Antenna		Fixed rod, in-glass diversity w/ amplifier							
HDD Navigation system		-	-	O	O	-	-	O	O
DVD Entertainment System with dual 7-inch headrest monitors		-	-	A	A	-	-	A	A

Instrumentation	AWD				FWD			
	S	SV	SL	LE	S	SV	SL	LE
Meters/Gauges– Fine Vision Speedometer Tachometer Coolant temperature Fuel level Twin trip odometer	Analog Analog Analog Analog LCD digital							
Vehicle Information Display – monochrome dot-matrix	S	-	-	-	S	-	-	-
7-inch Vehicle Information Display – full color QVGA	-	S	S	S	-	S	S	S
7-inch Vehicle Information Display – navigation system, full-color VGA with outside temperature gauge, trip computer,	-	-	O	O	-	-	O	O
Tire Pressure Monitoring System display	S							

Comfort & Convenience Features	AWD				FWD			
	S	SV	SL	LE	S	SV	SL	LE
12-volt outlets 3	Dashboard, in center console, cargo area							
Assist grips Hinged	Front and rear driver and passenger sides, headliner mounted							
Inside rearview mirror Manual day/night Auto-dimming HomeLink® Universal Transceiver	S	S	-	-	S	S	-	-
	-	-	S	S	-	-	S	S
	-	-	S	S	-	-	S	S
Sunvisors (driver/passenger)	Single with illuminated mirror with extension							
Cup holders	4 (2 in front center console, 2 in rear seat armrest)							
Remote Keyless Entry	S (all doors and front windows)							
Power windows	S - w/ driver/front passenger one-touch auto up/down and safety reverse							
Air conditioning/heater	Dual-zone automatic temperature control with microfilter							
RearView Monitor	-	S	S	S	-	S	S	S
Cruise control w/ steering wheel-mounted controls	S							
Power door locks with selective unlocking	S							
Nissan Intelligent Key™	S							
Push Button ignition	S							
Center console	Dual-level with armrest, CD/DVD storage, external storage pockets, 2 cup holders and 12-volt outlet							
Bluetooth® Hands-free Phone System	-	S	S	S	-	S	S	S
Power Liftgate with hatch closure assist	-	-	S	S	-	-	S	S

Safety and Security

Passenger Restraint Systems

Nissan Advanced Air Bag System (AABS) with dual-stage supplemental front air bags with seat belt and occupant classification sensors		S
Front seat-mounted side impact supplemental air bags		S
Roof-mounted curtain side impact supplemental air bags		S
Outboard seat belts	Front Rear	3-point with ELR 3-point ELR
Center seat belts	Rear	3-point
Seatbelt pretensioners		Front
Load limiters		Front
Active head restraint		Front
Seat belt warning lamp		S

Child Safety

Child seat upper tether anchors		3
Power window lockout button		S
LATCH System		
Child safety rear door locks		
Emergency inside trunk release		

Passive Safety

Zone body construction with front and rear crushable zones		S
Energy-absorbing steering column		S
Hood buckling creases and safety stops		S
Body side reinforcements		S
Shift interlock system		S
Break-away rear engine mount		S
Collapsible propeller shaft		S
High-strength side door guard beams		S
Slide-away brake pedal assembly		S
Knee bolsters		S

Safety and Security Features

Vehicle-speed sensing power door locks		S
Tamper proof door lock key cylinder		S
Steering wheel locks when key is removed		S
Immobilizer		S
Vehicle Security System (VSS)		Standard on SL, SV, and LE
Vehicle Dynamic Control		S
Traction Control System		S

Dimensions

Exterior (inches)		
Wheelbase		111.2
Overall length		189.9
Overall width		74.1
Overall height w/o roof rack		67.0
Overall height w/ roof-rack		68.0
Tread width	Front/rear	63.4/63.4
Minimum ground clearance		7.3
Cargo liftover height		30.8
Step-in height	Front/rear	18.6/18.7
Breakover angle		15.8
Angle of approach (degrees)		28.8
Angle of departure (degrees)		25.7
Coefficient of drag (Cd)		0.37

Interior (inches)		Front	Back
Head room	without moonroof	40.1	39.4
	with moonroof	38.3	38.1
Leg room		43.6	36.3
Hip room		54.8	55.4
Shoulder room		59.6	58.7
Cargo dimensions (length x width x height)		29.6 x 54.7 x 32.5	

Weights	AWD				FWD			
	S	SV	SL	LE	S	SV	SL	LE
Curb (pounds)	2,354	2,383	2,388	2,405	2,294	2,326	2,324	2,346
Front								
Rear	1,671	1,733	1,790	1,803	1,583	1,647	1,691	1,715
Total	4,025	4,116	4,178	4,209	3,877	3,972	4,015	4,061
Weight Distribution (%)	58.5/	57.9/	57.2/	57.1/	59.2/	58.5/	57.9/	57.8/
F/r	41.5	42.1	42.2	42.9	40.8	41.5	42.1	42.2
GVWR (pounds)	5,133				5,287			

Capacities	AWD				FWD			
	S	SV	SL	LE	S	SV	SL	LE
Fuel tank (gallons)	21.7							
Engine oil (quarts)	4.9							
Engine coolant (quarts)	10.0							
Towing* (pounds)	Trailer				3,500			
	Tongue				350			
Payload including passengers (pounds)	1262	1171	1109	1078	1256	1161	1118	1072

*Towing capacity affected by vehicle payload, tow weight, road grades, and weather conditions including high temperatures. See Owner's Manual for details.

Volume (cubic feet)	
Passenger volume w/o /w/ moonroof	108.8/104.6
Cargo w/2 nd row seat upright	31.6 (31.8 w/ moonroof)
w/2 nd row seat folded flat	64.0 (64.5 w/ moonroof)
Total (w/o moonroof/w moonroof)	140.4/136.4

EPA Fuel Economy <i>(Actual mileage may vary)</i>	AWD	FWD
City/Highway	18 / 23	
Classification	Truck	

Packages/ Options	S	SV	SL	LE
Navigation Package: HDD Navigation system, Bose [®] audio system with 9.3 GB Music Box music server, Voice Recognition and 7-inch VGA touch screen, Bluetooth [®] Streaming Audio	-	-	O	O

- S** - Standard
- O** - Optional
- A** - Accessory