

# SPECIFICATIONS

		QX50	QX50 AWD
<b>POWER</b>			
<b>Engine</b>			
3.7-liter (3,696cc) 24-valve V6, aluminum-alloy block and heads		•	•
<b>Valvetrain</b>			
Double overhead camshaft (DOHC), 4 valves per cylinder with microfinished camshafts. Continuously Variable Valve Timing Control System (CVTCS) optimizes opening of intake valves. Variable Valve Event and Lift (VVEL <sup>®</sup> ) for intake valves improves performance, emissions and fuel efficiency		•	•
<b>Intake System</b>			
High-flow tuned induction system		•	•
<b>Fuel Economy</b>			
EPA Estimated Fuel Economy (mpg) <sup>5</sup> (city/highway)		17/24	17/24
<b>Horsepower</b>			
325 hp @ 7,000 rpm		•	•
<b>Torque</b>			
267 lb-ft @ 5,200 rpm		•	•
<b>Transmission</b>			
Electronically controlled 7-speed automatic with Adaptive Shift Control. Manual shift mode offers sequentially selectable manual gearshifts and Downshift Rev Matching		•	•
Snow mode helps driver control throttle response		•	•
<b>Drive Type</b>			
Rear-wheel drive		•	
Intelligent All-Wheel Drive (AWD)			•
<b>HANDLING</b>			
<b>Steering</b>			
Type	Vehicle-speed-sensitive power steering	•	•
Turning diameter	37.2 feet	•	
	38.8 feet		•
<b>Suspension</b>			
Front	Independent, double-wishbone with coil springs over shock absorbers, stabilizer bar	•	•
Rear	Independent, multi-link with coil springs over shock absorbers, stabilizer bar	•	•
<b>Brakes</b>			
Front/Rear	12.6 x 1.3-inch ventilated discs/12.1 x 0.6-inch discs; 4-wheel, 4-channel ABS	•	•
<b>Wheels and Tires</b>			
Standard	18 x 8.0-inch, 8-spoke aluminum-alloy wheels with 225/55R18 all-season tires	•	•
19" Tire & Wheel Package	19 x 8.5-inch, split 5-spoke aluminum-alloy wheels with 245/45R19 all-season tires	◦	◦
Spare tire	Temporary use	•	•

EXTERIOR

Features

Automatic on/off headlights	•	•
Integrated front fog lights	•	•
LED rear brake lights and center high-mounted stoplight	•	•
Power sliding tinted glass moonroof with one-touch auto-open/close, tilt feature and sliding sunshade	•	•
Aluminum roof rails	○	○
Integrated rear spoiler	•	•
UV-reducing solar glass	•	•
Power adjustable, heated outside mirrors with courtesy light under driver's mirror	•	•
Outside mirrors with reverse tilt-down feature	○	○
Speed-sensitive flat-blade front windshield wipers	•	•
Rear-window intermittent wiper	•	•
Rear-window defroster with indicator light and timer	•	•
Stainless steel front doorsill plates	•	•
Rear doors open a full 80 degrees for easier rear-seat entry and exit	•	•
Dual exhaust with polished finishers	•	•

INTERIOR

Features

INFINITI Intelligent Key with Illuminated Push Button Ignition	•	•
Dual Zone Automatic Temperature Control system	•	•
Advanced Climate Control System with auto-recirculation, Plasmacluster <sup>®</sup> air purifier and Grape Polyphenol Filter <sup>7</sup>	○	○
Rear-seat heating and cooling vents in center console and ducts under front seats	•	•
Power windows with illuminated switches and front-window one-touch auto-up/down with auto-reverse feature	•	•
Power door locks with automatic locking feature	•	•
Retained accessory power for windows and moonroof	•	•
Sequential welcome lighting illuminated entry system and overhead ambient light	•	•
Front sun visors with illuminated vanity mirrors and extensions	•	•
Coat hanger on driver's head restraint	○	○
Overhead sunglasses storage	•	•
Dual overhead front map lights, rear-seat reading lights	•	•
Front seatback map pockets	•	•
Dual front and rear cup holders	•	•
Front center console with armrest, dual-level storage compartment and 12-volt power outlet	•	•
Front and rear carpeted floor mats	•	•
Cargo net tie-down anchors in cargo area	•	•
Seating and Trim		
Leather-appointed seating	•	•
8-way power driver's seat with adjustable lumbar support	•	•
4-way power front-passenger's seat	•	•
8-way power front-passenger's seat	○	○
Dual-occupant memory system for driver's seat, steering wheel and outside mirrors, linked to individual Intelligent Keys	○	○
Entry/exit assist for driver's seat and steering wheel	○	○
Heated front seats	•	•
60/40-split folding rear seatbacks	•	•
Power up-folding second-row seats	○	○
Black lacquer and aluminum interior trim	•	•
Maple interior accents	○	○
Leather-wrapped steering wheel and shift knob	•	•

INTERIOR (continued)

Audio and Entertainment System

6-speaker audio system, including AM/FM/CD with MP3 playback capability, Radio Data System (RDS) and speed-sensitive volume control

• •

Bose® 11-speaker Premium Audio system, including AM/FM/CD/DVD with MP3 playback capability, Radio Data System (RDS) and speed-sensitive volume control

○ ○

Streaming audio via Bluetooth® wireless technology<sup>2</sup>

○ ○

USB connection port for iPod® interface and other compatible devices<sup>4</sup>

• •

SiriusXM Satellite Radio<sup>3</sup>

• •

Illuminated steering wheel-mounted audio controls

• •

Instrumentation and Driver Controls

Fine Vision electroluminescent gauges

• •

Tilt and telescopic steering column

• •

Power tilt and telescopic steering column

○ ○

Bluetooth® Hands-free Phone System<sup>2</sup>

• •

INFINITI Controller for audio, climate control, fuel economy, maintenance, and comfort and convenience features

• •

7-inch color vehicle-information display

• •

INFINITI Navigation System with touch-screen display, Lane Guidance and 3-D building graphics<sup>12</sup>

○ ○

INFINITI Voice Recognition for audio, navigation and vehicle-information systems

○ ○

XM NavTraffic® with Real Time Traffic information provided by SiriusXM<sup>3</sup>

○ ○

XM NavWeather with Real Time Weather and 3-day forecast provided by SiriusXM<sup>3</sup>

○ ○

RearView Monitor<sup>6</sup>

• •

Around View® Monitor<sup>6</sup> and Front and Rear Sonar System<sup>8</sup>

○ ○

Auto-dimming inside mirror with HomeLink® Universal Transceiver

○ ○

Cruise control with steering wheel-mounted switches

• •

Intelligent Cruise Control (Full-Speed Range)<sup>9</sup>

○ ○

Analog clock

• •

SAFETY FEATURES

Safety

INFINITI Advanced Air Bag System (AABS) includes dual-stage front supplemental air bags with seat belt sensors and an occupant-classification sensor. Air bag inflation rate is adjusted depending on crash severity and seat belt usage. If the front-passenger's seat is empty, a sensor will deactivate the air bag <sup>15</sup>	•	•
Driver and front-passenger side-impact supplemental air bags <sup>15</sup>	•	•
Roof-mounted curtain side-impact supplemental air bags for front and rear-seat outboard occupant head protection <sup>15</sup>	•	•
Front-seat Active Head Restraints (AHR)	•	•
3-point height-adjustable front seat belts with pretensioners and load limiters, driver's seat Emergency Locking Retractor (ELR) and passenger's seat ELR and Automatic Locking Retractor (ALR)	•	•
Second-row 3-point seat belts with ELR and ALR	•	•
Zone Body construction with reinforced passenger compartment and front and rear crumple zones	•	•
LATCH System (Lower Anchors and Tethers for CHildren) helps simplify proper installation of compatible child restraint seats	•	•
Electronic Brake force Distribution (EBD)	•	•
Brake Assist (BA) <sup>18</sup>	•	•
4-wheel Anti-lock Braking System (ABS)	•	•
Blind Spot Warning (BSW) helps alert the driver to a vehicle detected in the blind spot area <sup>11</sup>	○	○
Forward Collision Warning (FCW). Using the QX50's sensors, this available feature helps alert the driver of an imminent collision by providing a visual and an audible warning <sup>13</sup>	○	○
Intelligent Brake Assist (IBA). This available active safety feature continuously monitors and analyzes closing speeds to a vehicle ahead or to a stationary obstacle. If the driver does not adequately respond to the Forward Collision Warning and a collision cannot be avoided, IBA will automatically engage the brakes to help reduce collision speed and impact, thus mitigating the consequences of the accident <sup>14</sup>	○	○
Lane Departure Warning (LDW) and Lane Departure Prevention (LDP) Systems. LDW sounds an audible warning when you start to drift out of your lane and LDP can lightly apply the opposite side brakes to help ease you back into the travel lane <sup>10</sup>	○	○
Traction Control System (TCS)	•	•
Vehicle Dynamic Control (VDC) <sup>19</sup>	•	•
Slide-away brake pedal assembly	•	•
Tire Pressure Monitoring System (TPMS) <sup>20</sup>	•	•
Security		
Remote keyless entry system with selective unlocking of driver's door or all doors	•	•
Remote power-opening of windows; closing via exterior door lock	•	•
INFINITI Vehicle Immobilizer System embeds an encoded transponder chip in the INFINITI Intelligent Key. The engine control computer will not allow the engine to start without the correct key and transponder	•	•
Vehicle Security System	•	•
HomeLink® Universal Transceiver offers control for compatible garage doors and home security systems	○	○

QX50 QX50 AWD

OPTION PACKAGES

	QX50	QX50 AWD
<b>Premium Package</b> Bose® 11-speaker Premium Sound system, including AM/FM/CD/DVD with MP3 playback capability, Radio Data System (RDS) and speed-sensitive volume control • Advanced Climate Control System with auto-recirculation, Plasmacluster® air purifier and Grape Polyphenol Filter <sup>7</sup> • Dual-occupant memory system for driver's seat, steering wheel and outside mirrors, linked to individual Intelligent Keys • Entry/exit assist for driver's seat and steering wheel • Outside mirrors with reverse tilt-down feature • Auto-dimming inside mirror with HomeLink® Universal Transceiver • Maple interior accents • Power tilt and telescopic steering column • Aluminum roof rails	○	○
<b>Premium Plus Package – Requires Premium Package.</b> INFINITI Navigation System with 8-inch WVGA color touch-screen display, Lane Guidance and 3-D building graphics <sup>12</sup> • INFINITI Voice Recognition for audio, navigation and vehicle-information systems • XM NavTraffic® with Real Time Traffic information provided by SiriusXM <sup>3</sup> • XM NavWeather with Real Time Weather and 3-day forecast provided by SiriusXM <sup>3</sup> • Streaming audio via Bluetooth® wireless technology <sup>2</sup> • Around View® Monitor <sup>6</sup> with Front and Rear Sonar System <sup>8</sup>	○	○
<b>Deluxe Touring Package – Requires Premium Plus Package.</b> 19 x 8.5-inch, split 5-spoke aluminum-alloy wheels with 245/45R19 all-season performance tires • Adaptive Front lighting System (AFS) with High Intensity Discharge (HID) xenon auto-leveling headlights • 2-way driver's seat power lumbar support • Coat hanger on driver's seat head restraint • 8-way power front-passenger's seat • Power up-folding 2nd-row seats • Premium stitching on meter hood	○	○
<b>Technology Package – Requires Deluxe Touring Package.</b> Intelligent Cruise Control (Full-Speed Range) <sup>9</sup> • Lane Departure Warning (LDW) and Lane Departure Prevention (LDP) <sup>10</sup> • Intelligent Brake Assist (IBA) <sup>14</sup> with Forward Collision Warning (FCW) <sup>13</sup> • Blind Spot Warning (BSW) <sup>11</sup> • Aluminum pedals	○	○
<b>19" Tire &amp; Wheel Package – Requires Premium or Premium Plus Package.</b> 19 x 8.5-inch, split 5-spoke aluminum-alloy wheels with 245/45R19 all-season performance tires	○	○
<b>INDIVIDUAL OPTIONS<sup>21</sup></b>		
First Aid Kit and Cargo Area Protector <sup>17</sup>	○	○
Rear Cargo Cover <sup>17</sup>	○	○
Roof Rail Crossbars <sup>17</sup> (Requires Premium Package)	○	○
Splash Guards (4-piece set)	○	○
Stainless Steel Rear Bumper Protector	○	○

	QX50	QX50 AWD
<b>DIMENSIONS</b>		
<b>Exterior</b>		
Coefficient of drag	0.33	0.33
Overall length (inches)	186.8	186.8
Overall width (inches)	71.0	71.0
Overall height without roof rails (inches)	62.7	62.7
Overall height with roof rails (inches)	63.5	63.5
Wheelbase (inches)	113.4	113.4
Track width (inches)–Front	60.4	60.4
Track width (inches)–Rear	61.0	61.0
<b>Interior</b>		
Headroom with moonroof–(inches) Front	38.7	38.7
Headroom with moonroof–(inches) Rear	37.7	37.7
Legroom (inches)–Front	44.3	44.3
Legroom (inches)–Rear	35.3	35.3
Shoulder room (inches)–Front	54.8	54.8
Shoulder room (inches)–Rear	55.0	55.0
Hip room (inches)–Front	52.9	52.9
Hip room (inches)–Rear	49.4	49.4
<b>Weight and Capacity</b>		
Passenger volume (cubic feet)	96.8	96.8
Cargo volume (cubic feet)	18.6	18.6
Curb weight (lbs)	3,855	4,020
Weight distribution (percent)–Front/Rear	53/47	54/46
Fuel capacity (gallons)	20.0	20.0

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