

## 2023 INFINITI QX50 Specifications

Engine		
Type	KR20DDDET	
Camshaft design	DOHC	
Configuration / Orientation	Transverse mounted	
Cylinders / Configuration	4 / Inline	
Block / Cylinder head composition	Aluminum / Aluminum	
Displacement	2.0 litre/1,970 - 1,997 cc	
Horsepower	268 hp @ 5,600 rpm	
Torque	280 lb-ft @ 1,600-4,800 rpm	
Bore & stroke (mm)	84.0 x 90.1 (8.0:1 CR) - 84.0 x 88.9 (14.0:1 CR)	
Compression ratio (:1)	8.0 - 14.0 (variable)	
Maximum engine speed (redline rpm)	6,000 rpm	
Induction system	Turbocharged	
Fuel delivery system	Direct and port injection	
Valvetrain	4 valves per cylinder, Continuously Variable Valve Timing	
Mounts	Front Rear	2 solid (active control type) 2 liquid-filled, left and right side
Recommended fuel	Premium unleaded	
Emission certification level	Tier3 Bin70/ LEV3-ULEV70	
Exhaust	Dual system with sub and main mufflers	

Transmission and Drive System		
Drive configuration	Intelligent All-Wheel Drive	
Transmission type	Xtronic continuously variable transmission with manual shift mode and Downshift Rev Matching	
CVT high ratio coverage (:1)	6.3	
Reverse gear (:1)	0.745	
Final drive (:1)	5.846	
Vehicle Dynamic Control	S	
Hill Start Assist	S	

Brakes		
Front	13.0-inch x 1.3-inch power-assisted vented disc	
Rear	12.1-inch x 0.6-inch power-assisted vented disc	
Parking brake	Electronic, switch on console	
Electronic brake force distribution	S	
Anti-lock braking system		

Suspension and Steering	QX50 PURE	QX50 SPORT	QX50 SENSORY
Body type	Corrosion-resistant and high-strength steel unibody construction, aluminum-alloy hood		
Front suspension	MacPherson strut front suspension with aluminum-alloy upper and lower aluminum/steel subframe construction		
Rear suspension	Independent multilink with stabilizer bar		
Speed-sensitive variable assist steering	S		
Shock absorbers	Twin tube front, monotube rear		

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Steering ratio Rack EPS (:1)	15.3
Curb-to-curb turning circle diameter (ft)	36.4
Body type	Corrosion-resistant and high-strength steel unibody construction, aluminum-alloy hood

Exterior Dimensions (mm)		
Wheelbase		2799.1
Overall length w/o license plate		4691.38
Overall width w/o mirrors		1902.8
Overall height		1676.4
Front track width		1625.6
Rear track width	19-inch wheels	1625.6
	20-inch wheels	1600.2
Minimum ground clearance		218.44
Coefficient of drag (Cd)		0.32
Angle of approach (degrees)		17.2
Angle of departure (degrees)		23.9
Breakover angle (degrees)		19.0
Trunk liftover height		703.58
Step-in height, front/rear		436.88/450.59

Capacities & Volume		
Seating capacity		5
Passenger compartment volume (L)		53.1 w/moonroof, 54.4 w/o moonroof
Cargo volume with 2 <sup>nd</sup> row up (L)		880.1 w/moonroof, 888.6 w/o moonroof
Cargo volume with 2 <sup>nd</sup> row folded (L)		1822.5 w/moonroof, 1842.3 w/o moonroof
Total interior volume (L)		3772.4 w/moonroof, 3843.1 w/o moonroof
Fuel tank (L.)		60
Engine oil (L)		4.7
Engine coolant (L)		7.7

Interior Dimensions (mm)		
Headroom		
	Front seats	1016 (1041.4 without moonroof)
	Rear seats	975.36 (993.14 without moonroof)
Legroom		
	Front seats	1005.8
	Rear seats	983
Shoulder room		
	Front seats	1470.7
	Rear seats	1450.34
Hip room		
	Front seats	1412.2
	Rear seats	1366.52

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Wheels and Tires	QX50 PURE	QX50 SPORT	QX50 SENSORY
19 x 7.5-inch aluminum-alloy wheels (silver painted)	S	-	-
20 x 8.5-inch aluminum-alloy wheels (dark painted)	-	-	S
20 x 8.5-inch aluminum-alloy wheels (dark painted and machine finished)	-	S	-
All-season, run-flat P235/55R19 tires	S	-	-
All-season, run-flat P255/45R20 tires	-	S	S
Tire pressure monitoring system-Direct sensor type	S		
Easy-fill tire alert	S		

Exterior Features and Options	QX50 PURE	QX50 SPORT	QX50 SENSORY
LED headlights (low/high beam)	S		
Unique cube design headlights	-	-	S
LED signature daytime running lights	S		
Front LED fog lights	S		
Adaptive front lighting system	-	-	S
LED taillights	S		
Body-colour, auto-folding outside mirrors	-	S	
Auto-dimming outside mirrors	-	-	S
Heated outside mirrors	S		
Reverse tilt-down mirrors	-	S	S
Mirror memory function	-	S	S
Panoramic moonroof with power open/tilt and power sunshade	-	S	S
Silver painted roof rails	-	-	S
Black painted roof rails	-	S	-
Body-coloured door handles with chrome accents and LED welcome lights	S	-	S
Body-coloured door handles and LED welcome lights	-	S	-

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UV-reducing, noise-insulated windshield	S		
Power liftgate	S		
Motion-activated liftgate	-	S	S
Remote engine start	S		

Interior Features and Options	QX50 PURE	QX50 SPORT	QX50 SENSORY
Leatherette-appointed seats	S	-	-
Semi-aniline leather-appointed seats	-	S	S
<b>Driver's Seat</b>			
8-way power	S		
2-way power lumbar	S	-	-
4-way power lumbar	-	S	S
Heated	S	-	-
Heated and cooled	-	S	S
Entry/exit assist	-	S	S
2-driver memory	-	S	S
<b>Front Passenger's Seat</b>			
8-way power	S		
4-way power lumbar	-	-	S
Heated	S		
Heated and cooled	-	S	S
<b>Rear Seats</b>			
60/40-split folding, recline, sliding and fold-flat bench seat	S		
Heated (outboard positions only)	-	-	S
<b>Interior Accents</b>			
Leather-wrapped steering wheel	S		
Dark painted aluminum accents	S	-	-
Black aluminum accents	-	S	-
Open pore maple wood accents	-	-	S
Gray Tricot headliner	S	-	S
Graphite Tricot headliner	-	S	-
Ultrasuede headliner	-	-	-
<b>Interior Features</b>			
Frameless auto-dimming rearview mirror	S		
Single sun visors with illuminated vanity mirror and extender	S		

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Full-colour vehicle metre, 7-inch display	S		
Trip computer	S		
Manual tilt and telescoping steering wheel	S	S	-
Power tilt and telescoping steering wheel	-	-	S
Two-driver steering wheel memory	-	-	S
Heated steering wheel	S		
Dual-zone Automatic Temperature Control system	S		
Enhanced interior ambient lighting	-	S	S
Rear Door Alert	S		
Rear heating ducts under front seats	S		
Rear HVAC vents	S		

Audio and Infotainment	QX50 PURE	QX50 SPORT	QX50 SENSORY
INFINITI InTouch™ dual HD display system with LCD/VGA 8-inch upper and 7-inch lower touchscreens	S		
INFINITI InTouch™ Services	S		
Siri® Eyes Free	S		
Wireless Apple CarPlay® integration	S		
Android Auto™ integration	S		
Wireless device charging pad	S		
Six-speaker audio system	S	-	-
Bose® Premium Audio System with 12 speakers	-	S	-
Bose® Performance Series Audio System with 16 speakers	-	-	S
Head-up display	-	-	S
HD Radio® Technology	S		
Streaming audio via Bluetooth®	S		
Voice Recognition	S		
SiriusXM® Radio (Subscription required, sold separately)	S		
Wi-Fi hotspot	S		
Four USB ports (two Type-A, two Type-C)	S		

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Navigation with detailed real time Premium Traffic info, 3D building graphics, & seamless turn-by-turn directions, SiriusXM® Travel Link and SiriusXM® Traffic	-	S	S
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## 2023 INFINITI QX50 Specifications

Safety, Security and Driver-Assist Features	QX50 PURE	QX50 SPORT	QX50 SENSORY
INFINITI Advanced Air Bag System	S		
Rear seat-mounted side-impact supplemental air bags	S		
3-point ALR/ELR (driver ELR only) front seat belts with pretensioners and load limiters and adjustable upper anchors	S		
3-point rear seat belts (ALR/ELR all positions)	S		
Forward Emergency Braking with pedestrian detection	S		
Predictive Forward Collision Warning	S		
Lower Anchors & Tethers for Children (LATCH)	S		
INFINITI Vehicle Immobilizer System	S		
RearView Monitor	S	-	-
Around View Monitor® with Moving Object Detection	-	S	S
Blind Spot Warning and Intervention	S		
Lane Departure Warning and Prevention	S		
ProPILOT Assist	S		
Intelligent Cruise Control with Full Speed Range	S		
Rear Automatic Braking	S		
High Beam Assist	S		
Traffic Sign Recognition	-	S	S
Rear Automatic Braking	S		
Rear Cross Traffic Assist	S		
Vehicle Dynamic Control (VDC) with Traction Control System	S		

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	QX50 PURE	QX50 SPORT	QX50 SENSOR Y
	AWD	AWD	AWD
Curb Weight (lbs)	2,359	2,396	2,405
Front	1,620	1,720	1,731
Rear	3,979	4,116	4,136
Total			
Weight distribution (% FR/RR, with driver)	60/40	60/40	60/40
GVWR	5,075	5,075	5,075

EPA Est. Fuel Economy (L/100km)	QX50
City	10.8
Highway	8.3
Combined	9.7