

2024 INFINITI QX50 Specifications

Engine		
Type		KR20DDDET
Camshaft design		DOHC
Configuration / Orientation		Transverse mounted
Cylinders / Configuration		4 / Inline
Block / Cylinder head composition		Aluminum / Aluminum
Displacement (l / cc)		2.0 litre/1,970 - 1,997 cc
Horsepower		268 hp @ 5,600 rpm
Torque (lb-ft)		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 (in)	13.0-inch x 1.3-inch power-assisted vented disc
Rear (in)	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		
Steering type	Speed-sensitive variable assist	S	S	S
Shock absorbers		Twin tube front, monotube rear		

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Steering ratio Rack EPS (:1)	15.3
Steering ratio DAS (:1)	13.1 - 21.1
Curb-to-curb turning circle diameter (ft)	36.4

Exterior Dimensions (in/mm)		
Wheelbase		110.2 in / 2,799.1 mm
Overall length		184.7 in / 4,691.38 mm
Overall width		74.9 in / 1,902.8 mm
Overall height		66.0 in / 1676.4 mm
Front track width		64.4 in / 1635.7 mm
Rear track width	19-inch wheels	64.2 in / 1630.7 mm
	20-inch wheels	63.8 in / 1620.5 mm
Minimum ground clearance		8.6 in / 218.44 mm
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		27.7 in / 703.58 mm
Step-in height, front/rear		17.2 in (436.88 mm) / 17.7 in (450.59 mm)

Capacities & Volume		
Seating capacity		5
Passenger compartment volume (litres)		1,503.8 w/moonroof, 1,540.6 w/o moonroof
Cargo volume with 2 nd row up (litres)		880.1 w/moonroof, 888.6 w/o moonroof
Cargo volume with 2 nd row folded (litres)		1,822.5 w/moonroof, 1,842.3 w/o moonroof
Total interior volume (litres)		3,772.4 w/moonroof, 3,843.1 w/o moonroof
Fuel tank (litres)		60
Engine oil (litres)		4.7
Engine coolant (litres)		7.7

Interior Dimensions (mm)		
Headroom		
	Front seats (without moonroof)	1,016 (1,041.4)
	Rear seats (without moonroof)	975.36 (993.14)
Legroom		
	Front seats	1,005.8
	Rear seats	983
Shoulder room		
	Front seats	1,470.7
	Rear seats	1,450.34
Hip room		
	Front seats	1,412.2
	Rear seats	1,366.52

Wheels and Tires	QX50 PURE	QX50 SPORT	QX50 SENSORY
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19 x 7.5-inch aluminum-alloy wheels	S	-	-
20 x 8.5-inch aluminum-alloy wheels (dark painted)	-	-	-
20 x 8.5-inch aluminum-alloy wheels (silver painted and machine finished)	-	-	S
20 x 8.5-inch aluminum-alloy wheels (black 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	S	S
Adaptive Front lighting System	-	-	S
LED Taillights	S		
Body-colour outside mirrors	S	-	S
Black outside mirror caps	-	S	-
Power, auto folding outside mirrors	-	S	S
Heated outside mirrors	S	S	S
Reverse tilt-down mirrors	-	-	S
Panoramic moonroof with power open/tilt and power sunshade	-	S	S
Aluminum roof rails	-	S	S
Body-coloured door handles with chrome accents and LED welcome lights	S		
UV-reducing, noise-insulated windshield	S		
Power liftgate	S		
Motion-activated liftgate	-	S	S
Rear passenger window sunshades	-	-	-
Black mesh grille and front grille surround	-	S	-

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Black front fender accent	-	S	-
Black liftgate finisher	-	S	-
Body color rear diffuser	-	S	-
Exclusive I-LINE badge	-	S	-

Interior Features and Options	QX50 PURE	QX50 SPORT	QX50 SENSORY
Leatherette-appointed seats	S	-	-
Leather-appointed seats	-	S	-
Semi-aniline, perforated leather-appointed seating	-	-	S
Quilted seat stitch	-	-	-
Driver's Seat			
8-way power	S		
2-way power lumbar	S	-	-
4-way power lumbar	-	S	S
Heated	S	S	-
Heated and cooled	-	S	S
Entry/exit assist	-	-	S
Front Passenger's Seat			
8-way power	S		
4-way power lumbar	-	-	S
Heated	S	S	-
Heated and cooled	-	S	S
Rear Seats			
60/40-split folding, recline and fold-flat bench seat	S		
Heated (outboard positions only)	-	-	S
Interior Accents			
Leather-wrapped steering wheel	S		
Painted aluminum accents	S	S	-
Textured aluminum accents	-	-	S
Open pore maple wood accents	-	-	-
Gray Tricot headliner	S	-	S
Graphite Tricot headliner	-	S	-
Ultrasuede headliner	-	-	-
Single sun visors with illuminated vanity mirror and extender	S		
Full-colour vehicle metre display	S, w/7-inch display		
Trip computer	S		
Manual tilt and telescoping steering wheel	S	S	-
Power tilt and telescoping steering wheel	-	-	S
Two-driver steering wheel memory	-	-	S

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Heated steering wheel	S	S	S
Dual-zone Automatic Temperature Control system	S	S	S
Tri-zone Automatic Climate Control System with grape polyphenol filter	-	-	-
Enhanced interior ambient lighting	-	-	-
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 8.0-inch upper and 7.0-inch lower touchscreens	S		
INFINITI InTouch™ Services telematics with four year Premium package included	S		
Siri® Eyes Free	S		
Wireless Apple CarPlay® integration	S		
Android Auto™ integration	S		
Six-speaker audio system	S		-
Bose® 12-speaker premium audio		S	
Bose® Performance Series Audio 16-speaker audio with Bose® Audio Pilot 2 and Bose® CenterPoint® 2 technology	-	-	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		
Five USB connection ports (three Type-A, two Type-C)	S		
Navigation with detailed real time Premium Traffic info, 3D building graphics, & seamless turn-by-turn directions, SiriusXM® Travel Link and SiriusXM® Traffic	-	S	S
INFINITI InTouch Service Premium Packages 4 Year Trial	S	S	S

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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 Intervention	S		
ProPILOT Assist	S		
Intelligent Cruise Control with Full Speed Range	S		
High Beam Assist	S		
Traffic Sign Recognition	-		
Rear Automatic Braking	S	S	S
Rear Cross Traffic Assist	S		
Vehicle Dynamic Control (VDC) with Traction Control System	S		

	QX50 PURE	QX50 Sport	QX50 SENSORY
	AWD	AWD	AWD
Curb Weights (kg)			
Front	1061	1065	1082
Rear	740	776	795
Total	1801	1841	1877
Weight distribution (% FR/RR, with driver)	59/41	58/42	58/42
GVWR	2302	2302	2302

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