

2022 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 liter/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	Front-wheel drive or 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	
Transmission oil cooler and upsized radiator fan	S (QX50 AUTOGRAPH only)	
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 LUXE	QX50 ESSENTIAL	QX50 SENSORY	QX50 AUTOGRAPH
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	S	-

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	Direct Adaptive Steering	-	-	-	-	S
Shock absorbers	Twin tube front, monotube rear					
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)		
Wheelbase		110.2
Overall length		184.7
Overall width		74.9
Overall height		66.0
Front track width		64.4
Rear track width	19-inch wheels	64.2
	20-inch wheels	63.8
Minimum ground clearance		8.6
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
Step-in height, front/rear		17.2/17.7

Capacities & Volume		
Seating capacity		5
Passenger compartment volume (cu. ft.)		53.1 w/moonroof, 54.4 w/o moonroof
Cargo volume with 2 nd row up (cu. ft.)		31.1 w/moonroof, 31.4 w/o moonroof
Cargo volume with 2 nd row folded (cu. ft.)		64.4 w/moonroof, 65.1 w/o moonroof
Total interior volume (cu. ft.)		133.3 w/moonroof, 135.8 w/o moonroof
Fuel tank (gals.)		16.0
Engine oil (qts.)		5.0
Engine coolant (qts.)		8.0

Interior Dimensions (in)		
Headroom		
	Front seats (without moonroof)	40.0 (41.0)
	Rear seats (without moonroof)	38.4 (39.1)
Legroom		
	Front seats	39.6
	Rear seats	38.7
Shoulder room		
	Front seats	57.9
	Rear seats	57.1
Hip room		
	Front seats	55.6
	Rear seats	53.8

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

Exterior Features and Options	QX50 PURE	QX50 LUXE	QX50 ESSENTIAL	QX50 SENSORY	QX50 AUTOGRAPH
LED headlights (low/high beam)	S				
Unique cube design headlights	-	-	-	S	S
LED signature daytime running lights	S				
Front LED fog lights	-	S	S	S	S
Adaptive Front lighting System	-	-	-	S	S
LED Taillights	S				
Body-color, auto-folding outside mirrors	S				
Black, auto-folding outside mirror caps	-	O	-	-	-
Heated outside mirrors	-	S	S	S	S
Reverse tilt-down mirrors	-	-	S	S	S
Panoramic moonroof with power open/tilt and power sunshade	-	S	S	S	S
Aluminum roof rails	-	S	S	S	S
Body-colored door handles with chrome accents and LED welcome lights	S				

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UV-reducing, noise-insulated windshield	S				
Power liftgate	S				
Motion-activated liftgate	-	-	-	S	S
Rear passenger window sunshades	-	-	-	-	S

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

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Manual tilt and telescoping steering wheel	S	S	S	-	-
Power tilt and telescoping steering wheel	-	-	-	S	S
Two-driver steering wheel memory	-	-	-	S	S
Heated steering wheel	-	-	S	S	S
Dual-zone Automatic Temperature Control system	S	S	S	S	-
Tri-zone Automatic Climate Control System with grape polyphenol filter	-	-	-	-	S
Enhanced interior ambient lighting	-	-	-	-	S
Rear heating ducts under front seats	S				
Rear HVAC vents	S				

Audio and Infotainment	QX50 PURE	QX50 LUXE	QX50 ESSENTIAL	QX50 SENSORY	QX50 AUTOGRAPH
INFINITI InTouch™ dual HD display system with LCD/VGA 8.0-inch upper and 7.0-inch lower touchscreens	S				
INFINITI InTouch™ services	S				
Siri® Eyes Free	S				
Wireless Apple CarPlay® integration	S				
Android Auto™ integration	S				
Six-speaker audio system	S	S	-	-	-
Bose® Performance Series Audio 16-speaker audio with Bose® Audio Pilot 2 and Bose® CenterPoint® 2 technology	-	-	S	S	S
Head-up display	-	-	-	S	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	S

All information current as of November 2021. Equipment may vary by region. Updates available online at www.infinitinews.com

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Safety, Security and Driver-Assist Features	QX50 PURE	QX50 LUXE	QX50 ESSENTIAL	QX50 SENSORY	QX50 AUTOGRAPH
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	S	-	-	-
Around View Monitor® with Moving Object Detection	-	-	S	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				
Rear Automatic Braking	S				
High Beam Assist	S				
Traffic Sign Recognition	-	-	S	S	S
Rear Automatic Braking	S				
Rear Cross Traffic Assist	S				
Vehicle Dynamic Control (VDC) with Traction Control System	S				

Packages and Options	QX50 PURE	QX50 LUXE	QX50 ESSENTIAL	QX50 SENSORY	QX50 AUTOGRAPH
Appearance Package: 20-inch black and machine-finished wheels, 255/45R20 all-season tires, black outside mirror caps, black mesh grille, black front grille surround, black front fender accent, black liftgate finisher, body color rear diffuser, graphite headliner	-	○	-	-	-

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Curb Weights (lbs)	QX50 PURE		QX50 LUXE		QX50 ESSENTIAL		QX50 SENSORY		QX50 AUTOGRAPH
	FWD	AWD	FWD	AWD	FWD	AWD	FWD	AWD	AWD
Front	2290	2340	2307	2357	2318	2368	2336	2381	2427
Rear	1556	1635	1631	1710	1657	1737	1670	1746	1746
Total	3845	3975	3938	4068	3975	4105	4006	4127	4173
Weight distribution (% FR/RR, with driver)	60/40	59/41	59/41	58/42	59/41	58/42	59/41	58/42	58/42
GVWR	4916	5075	4916	5075	4916	5075	4916	5075	5075

EPA Est. Fuel Economy (mpg)	QX50 FWD	QX50 AWD
City	23	22
Highway	29	28
Combined	26	25