

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		2.0 liter/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		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		QX50 AUTOGRAPH only
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 LUXE	QX50 SPORT	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				
Speed-sensitive variable assist steering	S				

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Shock absorbers	Twin tube front, monotube rear
Steering ratio Rack EPS (:1)	15.3
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
Towing capacity (lbs.)	3,000 (QX50 AUTOGRAPH only)

Interior Dimensions (in)	
Headroom	
Front seats	40.0 (41.0 without moonroof)
Rear seats	38.4 (39.1 without moonroof)
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 SPORT	QX50 SENSORY	QX50 AUTOGRAPH
19 x 7.5-inch aluminum-alloy wheels (silver painted)	S		-	-	-
20 x 8.5-inch aluminum-alloy wheels (silver painted and machine finished)	-	-	-	S	
20 x 8.5-inch aluminum-alloy wheels (dark painted and machine finished)	-	-	S	-	-
All-season, run-flat P235/55R19 tires	S	S	-	-	-
All-season, run-flat P255/45R20 tires	-	-	S	S	S
Tire pressure monitoring system-Direct sensor type	S				
Easy-Fill Tire Alert	S				

Exterior Features and Options	QX50 PURE	QX50 LUXE	QX50 SPORT	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
Adaptive front lighting system	-	-	-	S	S
LED taillights	S				
Body-color, auto-folding outside mirrors	S				
Black, auto-folding outside mirror caps	-	O	-	-	-
Auto-dimming driver's-side outside mirror	-	-	-	S	S
Heated outside mirrors	S				
Reverse tilt-down mirrors	-	S	S	S	S
Mirror memory function	-	S	S	S	S
Panoramic moonroof with power open/tilt and power sunshade	-	S	S	S	S
Silver painted roof rails	-	S	-	S	S
Black painted roof rails	-	-	S	-	-

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Body-colored door handles with chrome accents and LED welcome lights	S				
UV-reducing, noise-insulated windshield	S				
Power liftgate	S				
Motion-activated liftgate	-	S	S	S	S
Rear passenger window sunshades	-	-	-	-	S
Remote engine start	S				

Interior Features and Options	QX50 PURE	QX50 LUXE	QX50 SPORT	QX50 SENSORY	QX50 AUTOGRAPH
Leatherette-appointed seats	S	-	-	-	-
Leather-appointed seats	-	S	-	-	-
Semi-aniline leather-appointed seats	-	-	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	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				
Dark painted aluminum accents	S	S	-	-	-
Black aluminum accents	-	-	S	-	-
Open pore maple wood accents	-	-	-	S	S
Gray Tricot headliner	S	S	-	S	-
Graphite Tricot headliner	-	-	S	-	-
Ultrasuede headliner	-	-	-	-	S

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Interior Features					
Frameless auto-dimming rearview mirror	S				
Single sun visors with illuminated vanity mirror and extender	S				
Full-color vehicle meter, 7-inch display	S				
Trip computer	S				
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	S	S
Rear heating ducts under front seats	S				
Rear HVAC vents	S				

Audio and Infotainment	QX50 PURE	QX50 LUXE	QX50 SPORT	QX50 SENSORY	QX50 AUTOGRAPH
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	S	-	-	-
Bose® Premium Audio System with 12 speakers	-	O	S	-	-
Bose® Performance Series Audio System with 16 speakers	-	-	-	S	S
Head-up display	-	-	-	S	S
HD Radio® Technology	S				
Streaming audio via Bluetooth®	S				

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Voice Recognition	S				
SiriusXM® Radio (Subscription required, sold separately)	S				
Wi-Fi hotspot	S				
Four USB ports (two 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

Safety, Security and Driver-Assist Features	QX50 PURE	QX50 LUXE	QX50 SPORT	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				
Rear Door Alert	S				

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Vehicle Dynamic Control (VDC) with Traction Control System	S
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Packages and Options	QX50 PURE	QX50 LUXE	QX50 SPORT	QX50 SENSORY	QX50 AUTOGRAPH
Bose® 12-Speaker Premium Audio Package: Bose® Premium Audio System with 12 speakers with metallic speaker grilles on tweeters	-	○	-	-	-

	QX50 PURE		QX50 LUXE		QX50 SPORT		QX50 SENSORY		QX50 AUTOGRAPH
	FWD	AWD	FWD	AWD	FWD	AWD	FWD	AWD	AWD
Curb Weight (lbs)	2,308	2,359	2,326	2,374	2,346	2,396	2,361	2,405	2,401
Front	1,541	1,620	1,616	1,695	1,634	1,720	1,656	1,731	1,779
Rear	3,849	3,979	3,942	4,070	3,979	4,116	4,017	4,136	4,180
Total									
Weight distribution (% FR/RR, with driver)	60/40	60/40	60/40	60/40	60/40	60/40	60/40	60/40	60/40
GVWR	4,916	5,075	4,916	5,075	4,916	5,075	4,916	5,075	5,075

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