

2021 INFINITI QX50

Technical Specifications, Features and Options

ENGINE	
Type	KR20DDDET 2.0L-Turbo
Orientation	Transverse-mounting
Cylinders / configuration	4-cylinder, inline
Block / head composition	Aluminum-alloy / Aluminum-alloy
Displacement	2.0 liters / 1,970 ~ 1,997 cc
Horsepower	268 @ 5,600 rpm
Torque (lb-ft)	280 @ 1,600-4,800 rpm
Bore x stroke (mm)	84.0 x 90.1 (8.1 CR) ~ 84.0 x 88.9 (14:1 CR)
Compression ratio (:1)	8.0 ~ 14.0 (variable)
Maximum engine speed	6,000 rpm
Induction system	Turbocharged
Valvetrain	4 valves per cylinder
Fuel delivery system	Direct injection + port injection
Recommended fuel	Premium unleaded
Engine mounts	2 solid upper (active control type), lower 2 liquid-filled, left side, right side
Emissions system	T3B70 (EPA) / LEV3-ULEV70 (CARB)
Exhaust	Dual system with sub and main mufflers

ELECTRICAL	
Electronic ignition system	S
Starter rating	12 volt
Alternator	12V - 130 AMP

DRIVETRAIN	
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 (:1)	0.745
Final drive ratio (:1)	5.846
Transmission oil cooler and upsized radiator fan	O - AUTOGRAPH AWD only

BODY, SUSPENSION AND STEERING	PURE	LUXE	ESSENTIAL	SENSORY	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, twin tube shock absorbers, 27 mm stabilizer bar				
Rear suspension	Independent multi-link rear suspension with monotube shock absorbers, 22.5 mm stabilizer bar				
Steering type:	S	S	S	S	-
Engine-speed-sensitive variable assist	-	-	-	-	S
Direct Adaptive Steering	-	-	-	-	S

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Steering ratio (:1)	15.3	15.3	15.3	15.3	-
Engine-speed-sensitive variable assist					
Direct Adaptive Steering	-	-	-	-	S
Standard					14.55 - 21.1
Sport					13.15 - 16.82
Turning diameter (curb-to-curb) (ft.)					
Engine-speed-sensitive variable assist	36.4	36.4	36.4	36.4	-
Direct Adaptive Steering	-	-	-	-	36.4
Turns (lock-to-lock)					
Engine-speed-sensitive variable assist	2.73	2.73	2.73	2.73	-
Direct Adaptive Steering	-	-	-	-	2.58
Steering wheel	3-spoke leather-wrapped				
Manual tilt	S	S	S	-	-
Manual telescopic	S	S	S	-	-
Power tilt	-	-	O	S	S
Power telescopic	-	-	O	S	S
2-driver memory	-	-	O	S	S
Heated	-	-	O	S	S
Cruise control/audio switches	S				
Bluetooth® switches	S				
ProPILOT Assist switch	-	S	S	S	S

BRAKES	
Front: 13.0-inch x 1.3-inch power-assisted, vented disc	S
Rear: 12.1-inch x 0.6-inch power-assisted vented disc	
Electronic Brake force Distribution and Brake Assist	
4-channel/4-sensor/4-wheel Anti-lock Braking System	
Electronic parking brake (switch on console)	S

WHEELS AND TIRES	PURE	LUXE	ESSENTIAL	SENSORY	AUTOGRAPH
Wheels					
19-inch aluminum-alloy	S	S	S		
20-inch silver painted/machined finish aluminum-alloy	-	-	-	S	-
20-inch gun metal aluminum-alloy	-	-	-	-	S
20-inch black and machine finished aluminum-alloy	-	O	-	-	-
Tires					
235/55R19 all-season run-flat	S	S	S	-	-
255/45R20 all-season run-flat	-	O	-	S	S

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EXTERIOR FEATURES AND OPTIONS	PURE	LUXE	ESSENTIAL	SENSORY	AUTOGRAPH
LED headlights (high beam/low beam)	S				
Unique cube design headlights	-	-	-	S	S
LED signature daytime running lights	S				
High Beam Assist	S				
LED fog lamps	-	S	S	S	S
Adaptive Front lighting System	-	-	-	S	S
LED taillights	S				
Body-color power-folding outside mirrors	S				
Black power-folding outside mirror caps	-	O	-	-	-
Heated outside mirrors	-	O	S	S	S
Body-colored door handles with chrome accents and LED welcome lights (front handles)	S				
Reverse tilt-down mirror	-	-	O	S	S
Body-color front and rear bumpers	S				
Semi-gloss black metallic grille	S				
Laminated UV-reducing windshield	S				
Panoramic moonroof with power open/close/tilt and power sunshade	-	S	S	S	S
Aluminum roof rails	-	S	S	S	S
Power liftgate	S				
Motion-Activated Liftgate	-	-	-	-	S
Rear passenger window sunshades	-	-	-	O	S

EXTERIOR DIMENSIONS (inches unless noted otherwise)		
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	64.2
	20-inch	63.8
Minimum ground clearance		8.6
Coefficient of drag		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

INTERIOR DIMENSIONS (inches)		Front	Rear
Headroom	w/o moonroof	41.0	39.1
	w/ moonroof	40.0	38.4
Shoulder room		57.9	57.1
Hip room		55.6	53.8
Knee room		28.4	25.6

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Legroom	39.6	38.7
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INTERIOR FEATURES AND OPTIONS	PURE	LUXE	ESSENTIAL	SENSORY	AUTOGRAPH
Leatherette-appointed seats	S	S	S	-	-
Leather-appointed seats	-	-	O	S	-
Semi-aniline leather-appointed seats	-	-	-	-	S
White colored Semi-aniline leather-appointed seats	-	-	-	-	O
Driver's seat 8-way power	S				
2-way power lumbar	S				
2-driver memory	-	-	O	S	S
Heated	-	S	S	S	-
Heated and cooled	-	-	-	O	S
Auto entry/exit assist	-	-	O	S	S
Passenger's seat 8-way power	S				
2-way power lumbar	-	-	-	-	S
Heated	-	O	S	S	-
Heated and cooled	-	-	-	O	S
Rear bench seat	60/40 split, fold-down seatbacks, recline and fold-flat function				
Aluminum accents	S				
Single sun visors with illuminated vanity mirrors and extenders	S				
Full-color Vehicle Information System	w/ 7-inch display				
Trip computer	S				
HomeLink® Universal Transceiver	-	S	S	S	S
INFINITI InTouch™ with Navigation and INFINITI InTouch™ Services	-	-	S	S	S
Dual Zone Automatic Temperature Control	S	S	S	S	-
Tri-Zone Automatic Climate Control system	-	-	-	O	S
Rear heating ducts under front seats	S				
Rear HVAC vents	S				

AUDIO SYSTEM	PURE	LUXE	ESSENTIAL	SENSORY	AUTOGRAPH
6-speaker AM/FM/CD with auxiliary audio/video input jacks	S	S	S	-	-
USB connection port for iPod® and other compatible devices	S				
16-speaker Bose® Performance Series premium audio system	-	-	-	S	S
Streaming Audio via Bluetooth®	S				

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Voice Recognition	S				
SiriusXM® Radio (SiriusXM® subscription required, sold separately)	S				
Apple CarPlay® integration	S				
Android Auto™ integration	S				
COMFORT AND CONVENIENCE FEATURES	PURE	LUXE	ESSENTIAL	SENSORY	AUTOGRAPH
Cruise control with steering wheel switches	S				
Power windows with front one-touch auto-up/down with auto reverse feature	S				
RearView Monitor	S	S	-	-	-
Around View® Monitor with Front and Rear Sonar System	-	-	S	S	S
Bluetooth® Hands-free Phone System	S				
INFINITI Intelligent Key with Push-Button Ignition	S				
2 nd row center folding armrest	S				
Cup holders (4)	S				
Locking glove compartment	S				
Wi-Fi hotspot	S				
Laminated front row side window glass	S				

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

CURB WEIGHTS (LBS)	PURE		LUXE		ESSENTIAL		SENSORY		AUTOGRAPH	
	FWD	AWD	FWD	AWD	FWD	AWD	FWD	AWD	FWD	AWD
Front	2277	2348	2313	2361	2313	2363	2388	2394	2346	2436
Rear	1541	1620	1612	1693	1614	1693	1667	1733	1656	1742
Total	3838	3968	3924	4054	3926	4057	4054	4127	4001	4178
Weight distribution (% fr/rr)	60/40	59/41	59/41	58/42	59/41	58/42	59/41	58/42	59/41	58/42
GVWR (lbs.)	4916	5075	4916	5075	4916	5075	4916	5075	4916	5075

EPA MILEAGE ESTIMATES	QX50 FWD	QX50 AWD
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(Actual mileage may vary)		
City	23	22
Highway	29	28
Combined	26	25

SAFETY, SECURITY AND DRIVER ASSIST FEATURES	PURE	LUXE	ESSENTIAL	SENSORY	AUTOGRAPH
INFINITI Advanced Air Bag System, front seat-mounted side-impact supplemental air bags, roof-mounted curtain side-impact supplemental air bags, front driver and passenger knee supplemental air bags	S				
Rear seat-mounted side-impact supplemental air bags	S				
Automatic collision notification and emergency call	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				
Shift interlock system	S				
Zone body construction with front and rear crumple zones	S				
Child safety rear door locks	S				
Lower Anchors and Tethers for CHildren (LATCH)	S				
Power window lockout button	S				
Steering wheel lock	S				
Remote keyless entry system	S				
Vehicle Security System	S				
Remote engine start	-	S	S	S	S
Rain-sensing front wipers	-	-	S	S	S
Head-up display	-	-	-	S	S
INFINITI Vehicle Immobilizer System	S				
Vehicle Dynamic Control with Traction Control System	S				
Lane Departure Warning	S				
Lane Departure Prevention	-	S	S	S	S
Steering Assist	-	S	S	S	S
Forward Collision Warning	S				
Forward Emergency Braking with pedestrian detection	S				
Blind Spot Warning	S				
Rear Cross Traffic Alert	S				
Rear Automatic Braking	S				
Distance Control Assist	-	S	S	S	S
Blind Spot Intervention	-	S	S	S	S
ProPILOT Assist	-	S	S	S	S
Intelligent Cruise Control with Full Speed Range	-	S	S	S	S

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Traffic Sign Recognition	-	-	S	S	S
High Beam Assist	S	S	S	S	S

PACKAGES AND OPTIONS	PURE	LUXE	ESSENTIAL	SENSORY	AUTOGRAPH
Premium White Leather Package: White semi-aniline leather-appointed seating with quilting stitch; blue Ultrasuede® upper door, upper instrument panel, and center console lid accents; brown Ultrasuede® headliner, A-pillars and B-pillars; blue piping between white leather and blue Ultrasuede®	-	-	-	-	○
Convenience Package: Leather-appointed seating; memory function (seats, mirrors, steering); power tilt/telescopic steering column; reverse tilt down outside mirrors; heated steering wheel	-	-	○	-	-
Climate Package: Climate controlled seats; rear passenger window sunshades; advanced climate control system	-	-	-	○	-
Appearance Package: 20-inch black and machine finished aluminum-alloy wheels; 255/45R20 all-season run-flat tires; black outside mirror caps; heated outside mirrors; black grille mesh; dark chrome front grille surround; dark chrome front fender accents; dark chrome tailgate finisher; body color rear diffuser; graphite headliner	-	○	-	-	-

○ – Optional

S – Standard