

2020 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 @ 4,400 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
Exhaust	Dual system with sub and main mufflers

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

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

BODY, SUSPENSION AND STEERING	PURE	ESSENTIAL	Pro-ASSIST	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	S
Direct Adaptive Steering	-	-	-	S	S

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Steering ratio (:1) Engine-speed-sensitive variable assist Direct Adaptive Steering Standard Sport	15.3 - - -	15.3 - -	15.3 - -	15.3 14.55 – 21.1 13.15-16.82	- 14.55 – 21.1 13.15 – 16.82
Turning diameter (curb-to-curb) ft. (cm) Engine-speed-sensitive variable assist Direct Adaptive Steering	36.4 (11) -	36.4 (11) -	36.4 (11) -	36.4 (11) 36.4 (11)	36.4 (11) 36.4 (11)
Turns (lock-to-lock) Engine-speed-sensitive variable assist Direct Adaptive Steering	2.73 -	2.73 -	2.73 -	2.73 2.58	2.73 2.58
Easy Park Assist (ultra light steering assist)	-	-	-	S	S
Steering wheel	3-spoke leather-wrapped				
Manual tilt	S	S	S	-	-
Manual telescopic	S	S	S	-	-
Power tilt	-	S	S	S	S
Power telescopic	-	S	S	S	S
2-driver memory	-	S	S	S	S
Cruise control/audio switches	S				
Bluetooth® switches	S				
ProPILOT Assist switch	-	-	-	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	ESSENTIAL	ProASSIST	SENSORY	AUTOGRAPH
Wheels					
19-inch aluminum-alloy	S	S			
20-inch silver painted/machined finish aluminum-alloy	-	-	S	-	-
20-inch dark painted wheels	-	-	-	S	-
Tires					
235/55R19 all-season run-flat	S	S	-	-	-
255/45R20 all-season run-flat	-	-	S	S	S

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EXTERIOR FEATURES AND OPTIONS	PURE	Essential	ProAssist	SENSORY	AUTOGRAPH
LED headlights (high beam/low beam)	S				
Unique cube design headlights	-	-	S	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	S
LED taillights	S				
Body-color power-folding outside mirrors	S				
Heated outside mirrors	S	S	S	S	S
Body-colored door handles with chrome accents and LED welcome lights (front handles)	S				
Reverse tilt-down mirror	-	S	S	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	S

EXTERIOR DIMENSIONS - inches (mm)		
Wheelbase		110.2 (2800)
Overall length - With/without license plate bracket		185/184.7 (4699/4691)
Overall width - Mirrors open / folded		85/ 74.9 (2161/1903)
Overall height		66.0 (1677)
Front track width		64.4 (1636)
Rear track width	19-inch 20-inch	64.2 (1630) 63.8 (1620)
Minimum ground clearance		8.6 (218)
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 (703.6)
Step-in height front/rear		17.2 / 17.7 (437/450)

INTERIOR DIMENSIONS - inches (mm)		Front	Rear
Headroom	w/o moonroof	41.0 (1041)	39.1 (993)
	w/ moonroof	40.0 (1016)	38.4 (976)
Shoulder room		57.9 (1471)	57.1 (1441)
Hip room		55.6 (1412)	53.8 (1367)
Knee room		28.4 (721)	25.6 (650)
Legroom		39.6 (1006)	38.7 (983)

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INTERIOR FEATURES AND OPTIONS	PURE	ESSENTIAL	ProASSIST	SENSORY	AUTOGRAPH
Leatherette-appointed seats	S	S	S	-	-
Leather-appointed seats	-	S	S	-	-
Semi-aniline leather-appointed seats	-	-	-	S	S
White colored Semi-aniline leather-appointed seats	-	-	-	-	S
Driver's seat 8-way power	S				
2-way power lumbar	S				
2-driver memory	-	S	S	S	S
Heated	S	S	S	S	-
Heated and cooled	-	-	-	S	S
Auto entry/exit assist	-	S	S	S	S
Passenger's seat 8-way power	S				
2-way power lumbar	-	-	-	-	S
Heated	S	S	S	S	-
Heated and cooled	-	-	-	S	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	S
Dual Zone Automatic Temperature Control	S	S	S	-	-
Tri-Zone Automatic Climate Control system	-	-	-	S	S
Rear heating ducts under front seats	S				
Rear HVAC vents	S				

AUDIO SYSTEM	PURE	ESSENTIAL	ProASSIST	SENSORY	AUTOGRAPH
6-speaker AM/FM/CD with auxiliary audio/video input jacks	S	S			
USB connection port for iPod® and other compatible devices	S				
16-speaker Bose® Performance Series premium audio system	-	-	S	S	S
Streaming Audio via Bluetooth®	S				
Voice Recognition	S				
SiriusXM® Satellite Radio (SiriusXM® subscription required, sold separately)	S				
Apple CarPlay® and Android Auto™	S				

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COMFORT AND CONVENIENCE FEATURES	PURE	ESSENTIAL	ProASSIST	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		-	-	-
Around View® Monitor with Front and Rear Sonar System	-	S	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				
Locking glove compartment	S				

CAPACITIES	
Seating capacity	5
Passenger compartment volume (cubic feet)	TBD
Cargo volume with rear seats upright & rear-most position (liter)	895
Cargo volume with rear seats upright & forward-most position (liter)	1048
Cargo volume with rear seats folded down (liter)	1822
Total interior volume cubic feet (liter)	135 (3822)
Fuel tank (gals.)	16 (60.6)
Engine oil (qts.)	5.0
Engine coolant (qts.)	8.0

CURB WEIGHTS LBS (kg)	PURE	ESSENTIAL	ProASSIST	SENSORY	AUTOGRAPH
Front	2328 (1055)	2341 (1062)	2341 (1062)	2377 (1078)	2366 (1073)
Rear	1609 (730)	1682 (763)	1684 (764)	1722 (781)	1722 (781)
Total	3937 (1786)	4023 (1825)	4026 (1826)	4098 (1859)	4087 (1854)
Weight distribution (% fr/rr)	59/41	58/42	58/42	58/42	58/42
GVWR lbs. (kg)	5062 (2296)	5062 (2296)	5062 (2296)	5062 (2296)	5062 (2296)

EPA KM ESTIMATES (Actual km may vary)	QX50 AWD
City	10.0
Highway	7.8
Combined	9.0

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SAFETY, SECURITY AND DRIVER ASSIST FEATURES	PURE	ESSENTIAL	ProASSIST	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				
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	S
Rain-sensing wipers	-	S	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
Lane Keep Assist	-	-	-	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				
ProPILOT Assist	-	-	-	S	S
Intelligent Cruise Control with Full Speed Range	-	-	-	S	S
Traffic Sign Recognition	-	-	-	S	S

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O – Optional
S – Standard

9/19