

2022 INFINITI QX80 Specifications

Engine	
Type	VK56VD
Camshaft design	DOHC
Configuration / Orientation	Longitudinally mounted
Cylinders / Configuration	V-8
Block / Cylinder head composition	Aluminum / Aluminum
Displacement (l / cc)	5.6 liter/5,552 cc
Horsepower	400 hp @ 5,800 rpm
Torque (lb-ft)	413 lb-ft @ 4,000 rpm
Bore & stroke (mm)	98 x 92
Compression ratio (:1)	11.2
Maximum engine speed (redline rpm)	6,000 rpm
Induction system	Naturally aspirated
Fuel delivery system	Direct injection gasoline
Valvetrain	32 valves
Recommended fuel	Premium unleaded
Emission certification level	Tier2 Bin5/ LEV2-LEV

Transmission and Drive System		QX80 RWD	QX80 4WD
Drive configuration	Front engine	Rear-wheel drive	All-Mode 4WD
Transmission type		7-speed Automatic Transmission with overdrive	
Gear ratios (:1)	1 st	4.887	
	2 nd	3.17	
	3 rd	2.027	
	4 th	1.412	
	5 th	1.000	
	6 th	0.864	
	7 th	0.775	
Reverse gear		4.041	
Final drive (:1)		2.937	
Automatic transmission oil cooler		S	
Transfer case / Crawl ratios			
	4WD High	-	1.0
	4WD Low	-	2.7
	Crawl ratio: 1 st	-	38.5
	Crawl ratio: 2 nd	-	24.9
	Crawl ratio: Reverse	-	31.8
Vehicle Dynamic Control (VDC)		S	
Traction Control System (TCS)		S	
Snow Mode Function		S	
Hill Start Assist		S	
Tow Mode Function		S	
7-pin trailer harness plug with connector		S	
Rear automatic self-leveling suspension		S	

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Brakes		
Front (in)	Ventilated disc, 13.78 x 1.18 dual-piston calipers	
Rear (in)	Ventilated disc, 13.78 x 0.79 single floating caliper	
Parking brake	Mechanical, foot pedal	
Electronic brake force distribution	S	
Anti-lock braking system		
Brake assist with preview braking function		

Suspension and Steering		
Front suspension	Double wishbone	
Rear suspension	Double wishbone	
Shock absorbers	Twin tube with dual-flow path	
Steering power assist	Vehicle speed variable assist	
Curb-to-curb turning circle diameter (ft)	41.3	

Exterior Dimensions (in)		
Wheelbase	121.1	
Overall length	210.2	
Overall width	79.9	
Overall height (including roof rails)	75.8	
Front track width	67.5	
Rear track width	67.9	
Angle of approach (deg)	20.9	
Angle of departure (deg)	22.3	
Breakover angle (deg)	20.7	
Ground clearance	9.2	
Coefficient of drag (Cd)	0.367	

Capacities & Volume		
Cargo capacity (cu ft)		
	Third row upright	16.6
	Third row folded	49.6
	Second and third rows folded	95.1
Total passenger volume (cu ft)		152.5

Interior Dimensions (in)		
Headroom		
	Front row	39.9
	Second row	40.0
	Third row	36.8
Legroom		
	Front row	39.6
	Second row	41.0
	Third row	28.8
Shoulder room		
	Front row	63.8

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	Second row	63.5
	Third row	60.5
Hip room		
	Front row	59.2
	Second row	58.4
	Third row	48.8

	QX80 LUXE	QX80 PREMIUM SELECT	QX80 SENSORY
Wheels and Tires			
20 x 8-inch aluminum-alloy wheels	S	-	-
22 x 8-inch dark chrome wheels	-	S	S
Temporary spare	S		
Tire pressure monitoring system-Direct sensor type	S		
Easy fill tire alert	S		
275/60R20 all-season tires	S	-	-
275/50R22 all-season tires	-	S	S

Exterior Features and Options	QX80 LUXE	QX80 PREMIUM SELECT	QX80 SENSORY
LED headlights: full (low/high beam) with auto light and High Beam Assist	S		
LED signature daytime running lights	S		
LED tail lamps and center high-mounted stoplight (CHMSL)	S		
Adaptive Front lighting System (AFS) w/ Auto leveling function	-	-	S
Power folding, auto dimming and power adjustable heated outside mirrors with integrated turn signals and reverse sync	S		
Chrome-finished door handles, welcome light LED, and Intelligent Key activation (front handles)	S		
Grille - Chrome	S		
Body-color rear bumper with aluminum protector	S		
UV-reducing, noise-insulated windshield and front windows	S		
Dark, privacy rear door, rear quarter and rear liftgate glass	S		
Front moonroof with power open/close/tilt, built-in wind deflector and manual sunshade	S		
Power liftgate	S		
Silver painted roof rails	S		
Hydraulic Body Motion Control system	-		S

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Interior Features and Options	QX80 LUXE	QX80 PREMIUM SELECT	QX80 SENSORY
Napa leather-appointed seats	S		-
Perforated semi-aniline leather-appointed seats	-		S
Seating Capacity	7 (8 with optional second-row bench seat)		
Driver's Seat			
8-way power	S		
2-way power lumbar	S		
Heated	S		
Climate-controlled	-	-	S
Dual occupant memory system for seat and outside mirrors	S		
Entry/exit assist	S		
Passenger's Seat			
6-way power	S		
2-way power lumbar	S		
Heated	S		
Climate-controlled	-	-	S
Second-row Seats			
60/40-split folding, second-row bench seat	O		
Captain's chairs with tip-up easy access to 3 rd row	S		
Remote tip-up 2 nd row seats	-	-	S
Heated (outboard)	-	-	S
Third-row Seats			
Power-folding, 60/40-split folding bench seat	S		
Flat folding into floor	S		
Interior Accents			
Leather-wrapped, heated steering wheel	S		
Tri-zone Automatic Temperature Control system with microfilter	S		-
Advanced Climate Control System with auto-recirculation, Plasmacluster™ technology, Grape Polyphenol filter	-		S
Rear footwell lamp	-		S
Charcoal Burl Trim	S	-	-
Unique Matte Mocha Burl interior trim	-	S	-
Charcoal Burl Trim with gradation	-	-	S
Black Tricot headliner	-	-	S
4 cup holders and 8 bottle holders	S		

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12V power points: center stack lower, front of center console, rear of front center console, cargo area	S		
120V outlet in rear of front center console	-	-	S

Audio and Infotainment	QX80 LUXE	QX80 PREMIUM SELECT	QX80 SENSORY
INFINITI InTouch™ 12.3-inch Interactive Display	S		
INFINITI IT Controller	S		
Wireless smartphone charger	S		
Wireless Apple CarPlay® integration	S		
Android Auto™ integration	S		
Bose® Audio 13-speaker Premium Audio System including two subwoofers	S		
HD Radio® Technology	S		
Bose® Performance series 17-speaker sound system including two subwoofers	-		S
Streaming audio via Bluetooth®	S		
Voice Recognition	S		
SiriusXM® Radio (Subscription required, sold separately)	S		
Wi-Fi hotspot	S		
4 USB connection ports	S		
Rear Seat Entertainment Screens (dual 8.0-inch screens with HDMI/USB inputs)	-		S
Navigation with detailed real time Premium Traffic info, 3D building graphics, & seamless turn-by-turn directions, SiriusXM® Travel Link and SiriusXM® Traffic	S		

Safety, Security and Driver-Assist Features	QX80 LUXE	QX60 PREMIUM SELECT	QX60 SENSORY
INFINITI Advanced Air Bag System dual-stage supplemental front air bags with seat belt and occupant classification sensors	S		
Driver and front passenger seat-mounted side-impact supplemental air bags	S		
Roof-mounted side-impact supplemental curtain air bags with rollover sensor for outboard occupant head protection in all three rows	S		
Front seat belt pretensioners and load limiters	S		

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Forward Emergency Braking with pedestrian detection	S	
Predictive Forward Collision Warning	S	
Front Seat Active Head Restraints	S	
Rear Cross Traffic Alert	S	
Around View Monitor with Moving Object Detection and Front and Rear Sonar	S	
Blind Spot Warning	S	
Rear Seat Belt Reminder	S	
Blind Spot Intervention™ system	S	
Lane Departure Prevention system	S	
Trailer Sway Control	S	
Driver and front passenger knee airbags	S	
Second-row seat belt pretensioners	S	
Front Pre-Crash Seat Belts	-	S

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