

2023 INFINITI QX80 Specifications

ENGINE		
Type	VK56VD DOHC 32-valve	
Orientation	Longitudinal	
Cylinders / configuration	V8	
Block / head composition	Aluminum / aluminum	
Displacement	5.6 liters / 5,552 cc	
Horsepower	400 hp @ 5,800 rpm	
Torque	413 lb-ft @ 4,000 rpm	
Bore x stroke (mm)	98 x 92	
Compression ratio (:1)	11.2	
Maximum engine speed	6,000 rpm	
Induction system	Naturally aspirated	
Valvetrain	4 valves per cylinder, Continuous Variable Valve Timing Control System (CVTCS)	
Mounts	Front Side Rear	1 electronically controlled liquid-filled 2 solid 1 solid
Fuel delivery system	Direct Injection Gasoline (DIG™)	
Recommended fuel	Premium unleaded	
Emissions system	Closed feedback system with 4 catalysts	
Emissions certification level	Tier 2-Bin5 (EPA) / LEV2-LEV(CARB)	
Exhaust	Single system with stainless steel	

DRIVETRAIN		
Drive configuration	Rear-wheel drive (RWD) INFINITI 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
	6 th	0.864
	7 th	0.775
	Rev.	4.041
Final drive ratio (:1)	2.937	

BODY, SUSPENSION, STEERING	LUXE	PREMIUM SELECT	SENSORY
Body type	Body on frame		
Front suspension	Double wishbone		
Rear suspension	Double wishbone		
Steering type	Engine speed variable assist		Vehicle speed variable assist
Steering ratio (:1)	19		
Turns (lock-to-lock)	3.5		
Turning diameter (feet)	Curb-to-curb: 41.3 Wall-to-wall: 43.3		

BRAKES	
Front type	Ventilated disc, dual-piston calipers
Rear type	Ventilated disc, single floating calipers
Front size (diameter x thickness) (inches)	13.78 x 1.18

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Rear size: (diameter x thickness) (inches)	13.78 x 0.79
Electronic Brake force Distribution	S
Brake Assist with Preview Braking Function	S
4-wheel / 4-channel / 4-sensor Anti-lock Braking System (ABS)	S
Parking brake	Mechanical, foot-operated

WHEELS AND TIRES		LUXE	PREMIUM SELECT	SENSORY
Wheels				
20 x 8-inch aluminum-alloy wheels		S		
22 x 8-inch cast aluminum-alloy wheels			S	S
Tires				
All-season	P275/60R20	S		
All-season	P275/50R22		S	S
Spare tire	P275/60R20	S	S	S
Spare wheel	Full-size temporary 20"	S		
	Temporary 20"		S	S
Tire pressure monitoring system - Direct sensor type			S	
Easy-fill tire alert			S	

EXTERIOR DIMENSIONS	
Wheelbase (in.)	121.1
Overall length (in.)	210.2
Overall width (in.)	79.9
Overall height (includes roof rails) (in.)	75.8
Front track width (in.)	67.5
Rear track width (in.)	67.9
Coefficient of Drag (Cd)	0.367
Ground clearance (in.)	9.2
Angle of Approach (degrees)	20.9
Angle of Departure (degrees)	22.3
Ramp Angle (degrees)	20.7

INTERIOR DIMENSIONS	Front	Second row	Third row
Headroom (in.)	39.9	40.0	36.8
Shoulder room (in.)	63.8	63.5	60.5
Hip room (in.)	59.2	58.4	48.8
Legroom (in.)	39.6	41.0	28.8
Knee room (in.)	25.5	28.4	19.7

EXTERIOR FEATURES AND OPTIONS	LUXE	PREMIUM SELECT	SENSORY
LED headlights: full (low/high beam) with auto light and High Beam Assist		S	
LED signature daytime running lights		S	
LED tail lights and center high-mounted stoplight (CHMSL)		S	
Adaptive front lighting system with auto-leveling function	-	-	S
Power-folding, auto-dimming and power-adjustable heated outside		S	

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mirrors with integrated turn signals and reverse sync			
Chrome-finished door handles, welcome light LED, and Intelligent Key activation (front handles)	S		
Grille - Chrome	S	-	S
Grille - Dark 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

INTERIOR FEATURES AND OPTIONS	LUXE	PREMIUM SELECT	SENSORY
Napa leather-appointed seats	S	S	–
Perforated semi-aniline leather-appointed seats	–	–	S
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 3rd row	S		
Remote tip-up 2nd 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	S	–
Advanced Climate Control System with auto-recirculation, Plasmacluster™ technology, Grape Polyphenol filter	–	–	S
Rear footwell lamp	–	–	S

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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		
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	LUXE	PREMIUM SELECT	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		-
Bose® Performance series 17-speaker sound system including two subwoofers	-		S
HD Radio® Technology	S		
Streaming audio via Bluetooth®	S		
Voice recognition	S		
SiriusXM® Radio (Subscription required, sold separately)	S		
Wi-Fi hotspot	S		
Four USB ports	S		
Rear Seat Entertainment screens (dual 8-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	LUXE	PREMIUM SELECT	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		
Forward Emergency Braking with pedestrian detection	S		
Predictive Forward Collision Warning	S		
Front Seat Active Head Restraints	S		

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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

CAPACITIES	
Seating capacity	7 (8 optional)
Total passenger volume (cu ft)	152.5
Cargo capacity (cu ft)	
Third row upright	16.6
Third row folded	49.6
Second and third rows folded	95.1
Fuel tank (gallons)	26.0
Engine oil (quarts)	6.9
Engine coolant (quarts)	17.2

CURB WEIGHTS (lb.)	LUXE RWD/4WD	PREMIUM SELECT RWD/4WD	SENSORY RWD/4WD
Front	2,908 / 3,093	2,919 / 3,105	2,977 / 3,164
Rear	2,793 / 2,855	2,805 / 2,866	2,861 / 2,921
Total	5,701 / 5,948	5,724 / 5,971	5,838 / 6,085
GVWR	7,300 / 7,500	7,300 / 7,500	7,300 / 7,500
Weight distribution % (front/rear)	51 / 49 (RWD) 52 / 48 (4WD)		

EPA MILEAGE ESTIMATES (Actual mileage may vary)	RWD	4WD
City (mpg)	14	13
Highway (mpg)	20	19
Combined (mpg)	16	15
EPA Classification	Sport Utility Vehicle	