

2024 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	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 catalyts
Emissions certification level	Tier 2-Bin5 (EPA) / LEV2-LEV(CARB)
Exhaust	Single system with stainless steel

DRIVETRAIN	
Drive configuration	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	PROACTIVE
Body type	Body on frame	
Front suspension	Double wishbone	
Rear suspension	Double wishbone	
Steering type	Engine 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
Rear size: (diameter x thickness) (inches)	13.78 x 0.79
Electronic Brake force Distribution	S

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

EXTERIOR DIMENSIONS	
Wheelbase (mm)	3075
Overall length (mm)	5340
Overall width (mm)	2030
Overall height (includes roof rails) (mm)	1925
Front track width (mm)	1715
Rear track width (mm)	1725
Coefficient of Drag (Cd)	0.367
Ground clearance (mm)	234
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 (mm)	1012.7	1015.2	934.0
Shoulder room (mm)	1620.0	1611.6	1537.0
Hip room (mm)	1503.4	1503.4	1240.0
Legroom (mm)	1005.8	1005.8	731.1
Knee room (mm)	648.6	648.6	499.5

EXTERIOR FEATURES AND OPTIONS	LUXE	PROACTIVE
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 mirrors with integrated turn signals and reverse sync		S
Chrome-finished door handles and Intelligent Key activation (front handles)		S
Grille - Chrome	S	–

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Grille – Dark Chrome	-	S
Body-color rear bumper with aluminum protector		S
UV-reducing 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	PROACTIVE
Perforated semi-aniline leather-appointed seats	S	S
Driver's Seat		
8-way power		S
2-way power lumbar		S
Climate-controlled	S	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		-
Climate-controlled	S	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	-	-
Heated (outboard)	S	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	-	-
Charcoal Burl Trim	S	S
Charcoal Burl Trim with gradation	-	-
Black Tricot headliner	-	-
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

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120V outlet in rear of front center console	-	-
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AUDIO AND INFOTAINMENT	LUXE	PROACTIVE
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® Performance series 17-speaker sound system including two subwoofers		S
HD Radio® Technology		S
Streaming audio via Bluetooth®		S
Voice recognition		S
INFINITI InTouch™ Services telematics with 4yrs Premium package included		S
SiriusXM® Radio (Subscription required, sold separately)		S
Wi-Fi hotspot (Subscription required, sold separately)		S
Four USB ports		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	PROACTIVE
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
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

CAPACITIES	
Seating capacity	7 (8 optional)
Total passenger volume (L)	4319.1
Cargo capacity (L)	

All information current as of December 2023. Updates available online at <https://canada.infinitinews.com/>

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Third row upright	470.1
Third row folded	1404.6
Second and third rows folded	2693.7
Fuel tank (L)	98.3
Engine oil (L)	6.5
Engine coolant (L)	16.3

Packages and Options	LUXE	PROACTIVE
Dark Chrome Appearance Package: Black painted mirror caps, Dark Chrome grille surround, Dark Chrome front fascia trim, Dark Chrome fender vents, Dark Chrome rear liftgate finisher.	-	S
Split-Bench Seat Package: Second-row split bench seat with 60/40-split folding, center armrest with two cupholders.	O	O