

# 2020 INFINITI QX80

## Technical Specifications, Features and Options

Assembly Plant Location: Kyushu, Japan

ENGINE	
Type	VK56VD
Orientation	Longitudinally-mounted
Cylinders / configuration	V8
Block / head composition	Aluminum / aluminum
Displacement	5.6 liters (5,552 cc)
Horsepower	400 @ 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	DOHC 32-valve; silent chain, single stage
Fuel delivery system	Direct Injection Gasoline™ (DIG)
Mounts	2 solid (side), 1 solid (rear)
Recommended fuel	Premium unleaded
Emission certification level	Tier2-Bin 5 (EPA) / LEV2-LEV (CARB)
Exhaust	Single exit/main and secondary mufflers

ELECTRICAL	
Electronic ignition system	S
Starter rating 12 volt	
150 amp alternator	
Battery Amp-hour rating; 82Ah	
Trailer towing – 7 pin trailer harness plug with connector	S

TRANSMISSION AND DRIVE SYSTEM		2WD	4WD
Drive configuration		2WD	4WD
Transmission type		Automatic; 7-speed with manual shift mode, Adaptive Shift Control, Downshift Rev Matching (DRM)	
Automatic transmission oil cooler		S	
Gear ratios (:1)			
	1 <sup>st</sup>	4.887	
	2 <sup>nd</sup>	3.170	
	3 <sup>rd</sup>	2.027	
	4 <sup>th</sup>	1.412	
	5 <sup>th</sup>	1.000	
	6 <sup>th</sup>	0.864	
	7 <sup>th</sup>	0.775	
	Reverse	4.041	
Transfer case / crawl ratios			
4WD high		-	1.0
4WD low		-	2.7
Crawl ratio: 1st		-	38.5
Crawl ratio: 2nd		-	24.9
Crawl ratio: reverse		-	31.8
Final drive ratio (:1)		2.937	

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Vehicle Dynamic Control (VDC)	S	
Traction Control System (TCS)	S	
2- or 4-wheel active brake limited slip (ABLS)	S (2-wheel)	S (4-wheel)
Snow-mode function	S	
Hill Start Assist	S	
Tow Mode function	S	

BODY/CHASSIS	
Body type	Body-on-frame
Primary materials	Corrosion-resistant and high-strength steel
Class IV trailer hitch	S
Skid plate	Radiator
	S

BRAKES	
4-wheel disc brakes	
Front: Vented disc 13.78 x 1.18 in.	S
Rear: Vented disc 13.78 x 0.79 in.	
4-wheel Anti-lock Braking System (ABS)	
4 channels/4 sensors	
Brake Assist	
Electronic Brake force Distribution (EBD)	

SUSPENSION AND STEERING	LUXE	LIMITED
Front suspension	Double-wishbone	
Front stabilizer bar (vehicles without Hydraulic Body Motion Control system)	S (36 mm)	
Rear suspension	Double-wishbone	
Rear stabilizer bar (vehicles without Hydraulic Body Motion Control system)	S (26.5 mm)	
Auto leveling rear suspension	S	
Hydraulic Body Motion Control system (deletes stabilizer bar)	O	S
Dual-Flow Path® twin-tube shock absorbers	S	
Steering type	Rack-and-pinion	
Engine-speed sensitive power-assist	S	-
Vehicle-speed-sensitive power-assist	O	S
Steering ratio (:1)	19.0	
Turns (lock-to-lock)	3.5	
Turning diameter (curb-to-curb)	41.3 ft	

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WHEELS AND TIRES	LUXE	LIMITED
<b>Wheels</b>		
20 x 8.0-inch aluminum-alloy wheels	S	-
22 x 8.0-inch forged aluminum-alloy wheels	O	-
22 x 8.0-inch unique, dark-finished forged aluminum-alloy wheels	O	S
<b>Tires</b>		
275/60R20 all-season tires	S	-
275/50R22 all-season tires	O	S
Full-Size spare tire and alloy wheel	S	-
Temporary 20-inch wheel	O	S
275/60R20 all-season tire	S	S
Location	Behind rear axle	Behind rear axle
Tire Pressure Monitoring System (direct sensor type) with Tire Inflation Indicator	S	

EXTERIOR DIMENSIONS (inches)	
Wheelbase	121.1
Overall length	210.2
Overall width	79.9
Overall height w/ roof rack	75.8
Front track width	67.5
Rear track width	67.9
Angle of approach (degrees)	20.9
Angle of departure (degrees)	22.3
Ramp angle (degrees)	20.7
Ground clearance (inches)	9.2
Step in height - 1 <sup>st</sup> row	22.4
Step in height - 2 <sup>nd</sup> row	22.8
Coefficient of drag (with roof rails)	0.367

EXTERIOR FEATURES AND OPTIONS	LUXE	LIMITED
Body color front and rear bumpers, center section	S	
Unique front and rear bumper lower finisher	-	S
Chrome grille, door handles and window moldings	S	-
Satin chrome exterior trim	-	S
Black grille mesh, dark chrome exterior parts (grille surround, front fascia trim, fender vents, tailgate finisher), black mirror caps, EDITION 30 emblem	O	-
Headlights		
Automatic on/off with High Beam Assist	S	S
Twilight activation	S	S
LED high/low beam - signature design	S	S
LED fog lights	S	S
Windshield Wiper Interlock	S	S
Adaptive Front lighting System (AFS) w/auto-leveling headlights	O	S

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	Headlight washers	O	S
Glass	Windshield Driver and front passenger windows Rear door glass Rear quarter windows Rear liftgate	UV-reducing, noise-insulated UV-reducing, noise-insulated Dark privacy glass Dark privacy glass Dark privacy glass	
Wipers	Front windshield Rear liftgate	Rain-sensing, variable intermittent Intermittent with washer	

Outside mirrors	Power folding	S	S
	Heated	S	S
	Power adjust	S	S
	Reverse tilt-down feature	S	S
	Integrated LED turn signals	S	S
	Courtesy lamps	S	S
	Auto dimming	S	S
	Body color mirror caps	S	S
	Chrome outside mirror caps	O	-
Body-color running boards with integrated front and rear body-color splash guards		S	-
Stainless steel running board cap with rubber grips		-	S
Under running board welcome lighting		-	S
Roof rack	Roof rails	S	-
	Cross bars	Accessory	-
Satin chrome roof rails and cross bars		-	S
Power sliding tinted glass moonroof with one-touch open/close		S	
Power rear liftgate		S	
Hatch closure assist		S	

INTERIOR DIMENSIONS (inches)		
First row		
Head room with sunroof		39.9
Shoulder room		63.8
Hip room		59.2
Leg room		39.6
Second row		
Head room		40.0
Shoulder room		63.5
Hip room		58.4
Leg room		41.0
Third row		
Head room		36.8
Shoulder room		60.5
Hip room		48.8
Leg room		28.8

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## *Technical Specifications, Features and Options*

INTERIOR FEATURES AND OPTIONS	LUXE	LIMITED
Wrapped upper instrument panel with contrast stitching		S
10-way power driver's seat, including 2-way power lumbar support		S
8-way power passenger's seat, including 2-way power lumbar support		S
Napa leather-appointed seats	S	-
Perforated semi-aniline premium leather-appointed seats	O	-
Unique design two-tone perforated semi-aniline premium leather and Alcantara leather-appointed seats with quilting and contrast piping and stitching	-	S
Driver and front passenger Active Head Restraints		S
Dual occupant memory for driver's seat, steering wheel and outside mirrors, linked to individual Intelligent Keys		S
Entry/exit assist for driver's seat and steering wheel		S
Heated front row seats	S	-
Heated and cooled front seats	O	S
2 <sup>nd</sup> row captain's chairs with tip-up easy entry for 3 <sup>rd</sup> row		S
Remote tip-up 2 <sup>nd</sup> row seats for easy 3 <sup>rd</sup> row entry/exit		O
60/40 split 2 <sup>nd</sup> row bench seat	O	-
Heated 2 <sup>nd</sup> row seats (outboard)	O	S
Fold-flat 2 <sup>nd</sup> and 3 <sup>rd</sup> row seats		S
Driver and front passenger seat back pockets		S
Power 60/40-split fold-flat and reclining 3 <sup>rd</sup> row bench seat		S
9 cup holders and 4 bottle holders		S
12V power points: 2 I/P mounted, 1 in rear of front center console, 1 in cargo-area luggage trim panel		S
120V outlet in rear of front center console	O	S
Black Ultrasuede® headliner and A/B/C pillars	-	S
Leather-covered and stitched A/B pillar grab handles	-	S
Chrome inside door handle trim finishers	-	S
Matte silver, open pore Ash wood trim	-	S
"LIMITED" lettering wood inlay in center console shifter finisher	-	S
Unique high density floor mats with metal logo and cargo mat	-	S
Radiant illuminated kick plates	-	S
Front and 2 <sup>nd</sup> row seatback "LIMITED" name	-	S

INSTRUMENTATION	
Fine Vision electroluminescent meter gauges	S
Speedometer	
Tachometer	
Engine temperature	
Oil pressure	

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Voltage	
Tire pressure warning	
Shift position indicator	
Tire pressure display in vehicle info screen	
4WD indicator/warning	

AUDIO SYSTEM	LUXE	LIMITED
New generation INFINITI InTouch™ twin screen HD display	S	
Apple CarPlay® and Android Auto™	S	
WiFi Hotspot (subscription required)		
Bose® Performance Series Audio with 17 speakers, including 2 subwoofers	O	S
Bose® Audio13-speaker Premium Audio System, including two subwoofers, AM/FM radio, single in-dash CD with MP3 playback capability, Radio Data System (RDS) and speed-sensitive volume control	S	-
Streaming Audio via Bluetooth® wireless technology	S	
USB connection port for iPod® interface and other compatible devices - 4 total	S	
SiriusXM® Satellite Radio (SiriusXM® subscription required, sold separately)	S	
Auxiliary audio/video input jacks in front console	S	
Illuminated steering wheel Audio controls: Cruise control	S	
Antennas: In-glass audio and diversity Body-color satellite radio	S	
Theater Package with dual 8.0-inch color monitors, 2 sets of wireless headphones, remote control, auxiliary audio/video input jacks, 120V power outlet	O	S

COMFORT AND CONVENIENCE FEATURES	LUXE	LIMITED
Power windows with one-touch auto/up down with auto-reverse feature	S	
Power door locks with illuminated switches, with anti-lockout feature and automatic locking		
Remote keyless entry - operates locks, windows, rear liftgate		
Mild-flow vent located on upper instrument panel, rear seat heater ducts under front seats		
Bluetooth® Hands-free Phone System		
Power tilt and telescopic steering column		
Front center console with fore/aft dual opening console storage box lid, adjustable armrest, storage compartment and 12-volt outlet		
2 <sup>nd</sup> row center console armrest with two storage compartments		
Auto-dimming rearview mirror with HomeLink® Universal Transceiver		
Sequential welcome lighting illuminated entry system and ambient light		

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Fine Vision electroluminescent gauges		
7-inch color TFT vehicle information display		
8-inch color touch-screen display		
INFINITI Intelligent Key with illuminated Push Button Ignition		
Cruise control with steering wheel-mounted switches		
INFINITI Navigation System with Lane Guidance and 3D building graphics		
INFINITI Voice Recognition for audio, navigation and vehicle information systems		
NavTraffic with Real-Time Traffic Information (SiriusXM® subscription required, sold separately)		
NavWeather with Real-Time Weather and 3-day forecast (SiriusXM® subscription required, sold separately)		
Around View® Monitor with Moving Object Detection (MOD), Front and Rear Sonar System		
Tri-Zone Automatic Temperature Control system with microfilter	S	
Advanced Climate Control System (ACCS) with auto recirculation, Plasmacluster® air purifier, Grape Polyphenol filter	O	S
Intelligent Cruise Control (Full-Speed Range)	O	S
Distance Control Assist (DCA)	O	S
Smart Rear View Mirror	O	S
Rear Door Alert (RDA)	S	

CAPACITIES	
Seating capacity	7 - with 2 <sup>nd</sup> row captain chairs 8 - with optional 2 <sup>nd</sup> row bench seat
Total interior volume – pass. plus cargo (cu. ft.)	167.9
Cargo volume – behind 3 <sup>rd</sup> row (cu. ft.)	16.6
Fuel tank (gals.)	26.0
Engine oil (qts.)	6.9
Engine coolant (qts.)	17.2
Maximum towing capacity (lbs.)	8,500
Maximum tongue weight (lbs.)	850

CURB WEIGHTS		LUXE 2WD	LUXE 4WD	LIMITED
Curb weight (lbs.)	Front	2,891	3,080	3,170
	Rear	2,788	2,846	2,928
	Total	5,679	5,926	6,098
Weight distribution		51/49	52/48	52/48
GVWR (lbs.)		7,300	7,385	7,385

EPA MILEAGE ESTIMATES (actual mileage may vary)	LUXE 2WD	LUXE 4WD	LIMITED
City	14	13	13
Highway	20	19	19
Combined	16	15	15

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EPA Size Class	SUV	
<b>SAFETY AND SECURITY FEATURES</b>		
INFINITI Advanced Air Bag System (AABS) 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 (SRS)		
Roof-mounted side-impact supplemental curtain air bags with rollover sensor for outboard occupant head protection for all three rows		
Front seatbelt pretensioners and load limiters		
Vehicle Dynamic Control (VDC) with Traction Control System (TCS)		
Front seat Active Head Restraints		
Tire Pressure Monitoring System (TPMS) with individual tire pressure display and Tire Inflation Indicator		
LATCH System (Lower Anchors and Tethers for CHildren) (outboard positions only for vehicles with Optional 2 <sup>nd</sup> Row Bench Seat)		
Power door locks with automatic locking system and child safety rear door locks		
INFINITI Vehicle Immobilizer System		
Vehicle Security System		
Auto Hazard Warning Signal		
Energy-absorbing steering column		
Zone Body construction w/ front and rear crumple zones		
Hood-buckling creases		
Knee bolsters		
Shift interlock system		
Body side reinforcements		
Front Pre-Crash Seat Belts	O	
Forward Emergency Braking with pedestrian detection	S	
Blind Spot Warning (BSW)	S	
Predictive Forward Collision Warning (PFCW)	S	
Backup Collision Intervention (BCI)	S	
Lane Departure Warning (LDW) and Lane Departure Prevention (LDP)	S	

PACKAGES AND OPTIONS	LUXE	LUXE 4WD
<b>ProASSIST:</b> Blind Spot Intervention® (BSI), Intelligent Cruise Control (ICC) (Full-Speed Range), Distance Control Assist (DCA), steering wheel switch for Safety Shield Technologies, Lane Departure Prevention (LDP), Smart Rear View Mirror	O	O
<b>Split Bench Seat Package:</b> 2 <sup>nd</sup> row split bench seat with 60/40-split folding, center armrest with two cup holders (replaces 2 <sup>nd</sup> row Captain's Chairs and 2 <sup>nd</sup> row	O	O

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center console)		
<b>Theater Package:</b> Dual 8-inch color monitors, two wireless headphones, wireless remote control, HDMI and USB ports for audio/video input jacks (2 <sup>nd</sup> row), headphone jacks (2), 120V power outlet	○	○
<b>22-inch Wheel Package:</b> 22x8.0-inch 14-spoke forged aluminum-alloy wheels, 275/50R22 all-season performance tires	○	○
<b>Sensory Package:</b> Bose® Performance Audio with 17 speakers, semi-aniline leather-appointed seating with quilting, leather-wrapped and stitched horn pad, Charcoal Burl with gradient finish, climate-controlled front seats, heated 2 <sup>nd</sup> row seats (outboard only), Advanced Climate Control System (ACCS) with auto circulation, Plasmacluster® air purifier, Grape Polyphenol filter, remote tip-up 2 <sup>nd</sup> row seats for easy 3 <sup>rd</sup> row entry/exit, 2 <sup>nd</sup> row footwell courtesy lights, chrome outside mirror caps, rear footwell courtesy lights	○	○
<b>ProACTIVE Package:</b> Hydraulic Body Motion Control system, Adaptive Front lighting System (AFS) with auto-leveling headlights, vehicle speed-sensitive power steering, Front Pre-Crash Seatbelts, headlight washers	○	○
<b>Premium Paint:</b> Premium paint applied to vehicle exterior	○	○
<b>EDITION 30 Package:</b> EDITION 30 emblem, dark chrome color exterior finish (grille surround, front fascia trim, fender vents, tailgate finisher), black mesh grille insert and black mirror caps, 22-inch unique dark color forged aluminum-alloy wheels with 275/50R22 all-season tires with black center caps, EDITION 30 stainless steel kick plates, black tricote headliner, sun visors, assist grips and A-, B-, C-, D-pillars	○	○
<b>Radiant Illuminated Kick Plates:</b> Factory installed illuminated kick plates	○	○

S – Standard ○ – Optional

12/19