

2014 Infiniti QX60 Hybrid

Technical Specifications, Features and Options

For 2014 Infiniti QX60 non-Hybrid specifications, please visit InfinitiNews.com

Assembly Plant Location: Smyrna, Tenn.

ENGINE	
Type	QR25DER
Orientation	Transverse-mounted
Cylinders / configuration	Inline 4-cylinder/transverse
Block / head composition	Aluminum / aluminum
Displacement (L / cc)	2.5 liters / 2,488cc
Horsepower	230 @ 5,600 rpm
Torque	243 lb-ft @ 3,600 rpm
Bore x stroke (mm)	89 x 100
Compression ratio (:1)	9.1
Maximum engine speed	6,200 rpm
Induction system	Supercharged, sequential multi-point fuel injection
Valvetrain	DOHC 16-valve; silent chain, single stage
Recommended fuel	Premium unleaded
Emission certification level	Tier2Bin5 (EPA)/LEV2-ULEV (CARB)
Exhaust	Single exit/main and secondary mufflers

ELECTRIC MOTOR	
Type	Advanced electric motor – 15kW
Hybrid control	Infiniti Direct Response Hybrid® System – 1 motor/2 clutch
Horsepower	20
Torque (lb-ft)	29

BATTERY	
Type	Compact laminated Lithium-ion (Li-ion)
Output	TBD
Nominal voltage	144 volts

HYBRID SYSTEM NET POWER	
Horsepower	250
Torque (lb-ft)	243

ELECTRICAL	
Electronic (direct ignition) system	S
Starter rating 12 volt	
150 amp alternator	
Battery Amp-hour rating; 82Ah	

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TRANSMISSION AND DRIVE SYSTEM		QX60 Hybrid	QX60 Hybrid AWD
Drive configuration	Front engine	FWD	Intelligent AWD
Transmission type		CVT	
Automatic transmission oil cooler		S	
Gear ratios (:1)		2.371 – 0.439	
Reverse		1.766	
Final drive ratio (:1)		5.173	
Transfer case gear ratio (:1)		-	0.404
2-wheel or 4-wheel active brake limited slip (ABLS)		S (2-wheel)	S (4-wheel)
Snow-mode function		S	

BODY/CHASSIS	
Body type	Unibody
Primary materials	Corrosion-resistant and high-strength steel

BRAKES	
Front: Vented disc 12.6 x 1.10 in.	S
Rear: Vented disc 12.13 x 0.63 in.	
4-wheel disc brakes	
4-wheel Anti-lock Braking System (ABS)	
4 channels/4 sensors	
Brake Assist	
Electronic Brake force Distribution (EBD)	
Regenerative Braking System	

SUSPENSION AND STEERING	
Front suspension	Independent strut
Front stabilizer bar	S (26 mm)
Rear suspension	Rear multi-link
Rear stabilizer bar	S (26.5)
Dual-Flow Path® twin-tube shock absorbers	S
Steering type	Hydraulic electric
Power-assist	Vehicle speed-sensitive
Steering ratio (:1)	18.3
Turns (lock-to-lock)	3.3

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WHEELS AND TIRES	
Wheels	
18 x 7.5-inch split 5-spoke painted silver finish aluminum-alloy wheels	S
20 x 7.5-inch split 5-spoke painted silver finish aluminum-alloy wheels	O
20 x 7.5-inch split 5-spoke polished forged aluminum-alloy wheels	O
Tires	
235/65R18 all-season tires	S
235/55R20 all-season tires	O
Temporary spare tire	S (under body)
Tire Pressure Monitoring System (direct sensor type) with Tire Inflation Indicator	S

EXTERIOR DIMENSIONS (inches)	
Wheelbase	114.2
Overall length	196.4
Overall width	77.2
Overall height	68.6
Front track width	68.9
Rear track width	65.7
Angle of approach (degrees)	14.0
Angle of departure (degrees)	20.6
Ground clearance	6.5
Step in height – 1 st row	18.2
Step in height – 2 nd row	18.7
Coefficient of drag	0.34

EXTERIOR FEATURES AND OPTIONS	
Body color front and rear bumpers	
Chrome grille, door handles and window moldings	
Headlights	Automatic on/off High Intensity Discharge (HID) bi-functional xenon
Fog lights (front fascia mounted)	
Glass	Windshield
Driver and front passenger windows	
Rear door glass	
Rear quarter windows	
Rear liftgate	
Wipers	Front windshield
Rear liftgate	
Rain-sensing	
Outside mirrors	Power folding
Heated	
Power adjust	
Reverse tilt-down feature	

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Roof rack	Side rails	O
	Cross bars	O
Power sliding tinted glass moonroof with one-touch open/close		S
2 nd and 3 rd row moonroof with power rear sunshade		O
Power rear liftgate		S

INTERIOR DIMENSIONS (inches)	
First row	
Head room	40.7
Shoulder room	60.3
Hip room	56.8
Leg room	42.3
Second row	
Head room	38.3
Shoulder room	60.4
Hip room	55.8
Leg room	41.7
Third row	
Head room	36.5
Shoulder room	57.1
Hip room	42.0
Leg room	30.8

INTERIOR FEATURES AND OPTIONS	
8-way power driver's seat	S
6-way power passenger's seat	S
Leather-appointed seats	S
Dual occupant memory for driver's seat, steering wheel and outside mirrors, linked to individual Intelligent Keys	O
Entry/exit assist for driver's seat and steering wheel	O
Heated front row seats	S
Multi-mode 2 nd row seats with easy 3 rd row entry/exit	S
Heated 2 nd row seats (outboard)	O
Split fold-down 2 nd (60/40) and 3 rd row (50/50) seats	S
Driver and front passenger dual seatback map pockets	S
8 cupholders and 6 bottle holders	S
12V power points (4 total)	S
120V outlet in rear of front center console	O
Steering wheel: 4-spoke leather-wrapped w/ illuminated cruise control and audio switches, power tilt and telescopic adjustment	S
Heated steering wheel	O
Remote Engine Start System	O

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INSTRUMENTATION	
Infiniti Intelligent-View Display	S
Fine Vision electroluminescent meter gauges	S
Speedometer	
Tachometer	
Tire pressure warning	
Shift position indicator	
Tire pressure display in vehicle info screen	

AUDIO SYSTEM	
6-speaker audio system with AM/FM/CD with MP3 playback capability, Radio Data System (RDS) and speed sensitive volume control	S
Bose® Premium Audio System with 13 speakers, including Acoustic Waveguide subwoofer	O
Bose® Cabin Surround® sound system with 15 speakers including Acoustic Waveguide subwoofer and digital 5.1 decoding	O
Streaming Audio via Bluetooth®	O
USB connection port for iPod® interface and other compatible devices	S
SiriusXM Satellite Radio (SiriusXM subscription required, sold separately)	S
Auxiliary audio/video input jacks inside front console	S
Illuminated steering wheel Audio controls: Cruise control	S
Theater Package with dual 7-inch color monitors, 2 wireless headphones, wireless remote control, auxiliary audio/video input jacks, 120V power outlet, rear headphone jacks with volume control	O

COMFORT AND CONVENIENCE FEATURES	
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	S
Remote keyless entry – operates locks, windows, rear liftgate	S
Infiniti Intelligent Key with illuminated Push Button Ignition	S
Enhanced Intelligent Key	O
Tri-Zone Automatic Temperature Control system with microfilter	S
Rear seat heater ducts under front and 2 nd row seats	S

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Advanced Climate Control System (ACCS) with auto recirculation, Plasmacluster® air purifier, Grape Polyphenol filter	O
Bluetooth® Hands-free Phone System	S
Power tilt and telescopic steering column	S
Front center console with armrest, storage compartment and 12-volt outlet	S
Auto-dimming rearview mirror with HomeLink® Universal Transceiver	S
Sequential welcome lighting illuminated entry system and ambient light	S
Fine Vision electroluminescent gauges	S
HEV gauge in meter display	S
Infiniti Controller, 7-inch color information display	S
Infiniti Connection™, including one year of complimentary basic and Plus service	O
Cruise control with steering wheel-mounted switches	S
Infiniti Hard Drive Navigation System with Lane Guidance and 3D building graphics	O
Infiniti Voice Recognition for audio, navigation and vehicle information systems	O
NavTraffic with Real-Time Traffic Information (SiriusXM subscription required, sold separately)	O
NavWeather with Real-Time Weather and 3-day forecast (SiriusXM subscription required, sold separately)	O
Zagat Survey® Restaurant Guide	O
Around View® Monitor (AVM) with Moving Object Detection (MOD) Front and Rear Sonar System	O
Intelligent Cruise Control (Full-Speed Range)	O
Distance Control Assist (DCA)	O

CAPACITIES	
Seating capacity	7
Total passenger volume (cu. ft.)	149.8
Cargo volume – behind 3 rd row (cu. ft.)	15.8
Fuel tank (gals.)	19.5
Engine oil (qts.)	5.1
Engine coolant (qts.)	10.1

CURB WEIGHTS		QX60 Hybrid	QX60 Hybrid AWD
Curb weight (lbs.)	Front	2,404.3	2,466.1
	Rear	1,918.7	1,996.3
	Total	4,323.0	4,462.4
Weight distribution		55/45	55/45
GVWR (lbs.)		5,985	5,985

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EPA MILEAGE ESTIMATES (actual mileage may vary)	QX60 Hybrid	QX60 Hybrid AWD
City	26	25
Highway	28	28
Combined	26	26

SAFETY AND SECURITY FEATURES	
Infiniti Advanced Air Bag System (AABS) dual-stage supplemental front air bags with seat belt sensors and occupant classification sensor	S
Driver and front passenger seat-mounted side-impact supplemental air bags (SRS)	
Roof-mounted curtain side impact supplemental 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)	
Tire Pressure Monitoring System (TPMS) with individual tire pressure display and Tire Inflation Indicator	
LATCH System (Lower Anchors and Tethers for Children) 2 nd row outboard only, child seat top tether anchor on 2 nd row center seat and 3 rd row passenger's side seat	
Power door locks with automatic locking system and child safety rear door locks	
Infiniti Vehicle Immobilizer System	
Vehicle Security System	
Energy-absorbing steering column	
Zone Body construction w/ front and rear crumple zones	
Shift interlock system	
Intelligent Brake Assist (IBA) with Forward Collision Warning (FCW)	O
Blind Spot Warning (BSW)	O
Lane Departure Warning (LDW) and Lane Departure Prevention (LDP)	O
Front Pre-Crash Seat Belts	O

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PACKAGES AND OPTIONS	
Hybrid Premium Package: Bose® 13-speaker Premium Sound System with Acoustic Waveguide subwoofer, AM/FM/CD/DVD with MP3 playback capability, Radio Data System (RDS) and speed-sensitive volume control; Streaming Audio via Bluetooth® wireless technology; dual occupant memory system for driver's seat, steering wheel and outside mirrors; entry/exit assist for driver's seat and steering wheel; Enhanced Intelligent Key (memory stores an occupant memory position and last-used audio, climate control and navigation settings; outside mirrors with reverse tilt-down feature; driver's seat 2-way power lumbar support; heated steering wheel; Remote Engine Start; Infiniti Hard Drive Navigation System with 8-inch WVGA color touch-screen display, Lane Guidance and 3-D building graphics; Infiniti Voice Recognition for audio, navigation and vehicle information systems; NavTraffic with Real-Time Traffic Information, NavWeather with Real-Time Weather and 3-day forecast (SiriusXM subscription required, sold separately); Zagat Survey® Restaurant Guide, Infiniti Connection™ including 1-year of basic and Plus services; Around View® Monitor with Moving Object Detection and front and rear sonar system, single in-dash CD player; rain-sensing front windshield wipers	O
Theater Package: Dual 7-inch color monitors, two wireless headphones, wireless remote control, auxiliary audio/video input jacks, 120V power outlet, rear headphones jack with volume control	O (requires Hybrid Premium Package)
Driver Assistance Package: Intelligent Cruise Control (Full-Speed Range); Intelligent Brake Assist (IBA) with Forward Collision Warning (FCW), Blind Spot Warning (BSW); Backup Collision Intervention (BCI); Distance Control Assist (DCA), Active Trace Control; Eco Pedal	O (requires Hybrid Premium Package)

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Maple Interior Trim: Maple interior accents	O
Deluxe Technology Package: Bose® Cabin Surround® Sound System with 15 speakers with Acoustic Waveguide subwoofer and digital 5.1 decoding; 20-inch split 5-spoke aluminum-alloy wheels with 235/55R20 H-rated all-season tires; 2 nd and 3 rd row moonroof with power rear sunshade; Advanced Climate Control System (ACCS) with auto circulation, Plasmacluster® air purifier, Grape Polyphenol filter; Climate-controlled front seats; heated 2 nd row seats (outboard only); Maple interior accents; Lane Departure Warning (LDW) and Lane Departure Prevention (LDP); Blind Spot Intervention® (BSI) system; Front Pre-Crash Seatbelts	O

S – Standard

O – Optional

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