

2016 Infiniti QX60 3.5-liter V6 (non-hybrid)

Technical Specifications, Features and Options

For 2016 Infiniti QX60 Hybrid specifications, please visit InfinitiNews.com

Assembly Plant Location: Smyrna, Tenn.

ENGINE	
Type	VQ35DE
Orientation	Transverse-mounted
Cylinders / configuration	60-degree V6
Block / head composition	Aluminum / aluminum
Displacement (L / cc)	3.5 liters / 3,498cc
Horsepower	265 @ 6,400 rpm
Torque	248 lb-ft @ 4,400 rpm
Bore x stroke (mm)	95.5 x 81.4
Compression ratio (:1)	10.3
Maximum engine speed	6,600 rpm
Induction system	Sequential multi-point fuel injection
Valvetrain	DOHC 24-valve; silent chain, single stage
Recommended fuel	Premium unleaded
Emission certification level	Tier2Bin5 (EPA)/LEV2-ULEV (Fed)
Exhaust	Single exit/main and secondary mufflers

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

TRANSMISSION AND DRIVE SYSTEM		QX60 3.5	QX60 3.5 AWD
Drive configuration	Front engine	FWD	Intelligent AWD
Transmission type		Electronically Controlled Continuously Variable with D-Step Logic	
Automatic transmission oil cooler		S	
Gear ratios (:1)		2.371 – 0.439	
Reverse		1.766	
Final drive ratio (:1)		5.250	
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

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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 (BA)	
Electronic Brake force Distribution (EBD)	

SUSPENSION AND STEERING	
Front suspension	Independent strut
Front stabilizer bar	S (26 mm)
Rear suspension	Rear multi-link
Rear stabilizer bar	S (26.5 mm)
Dual-Flow Path® twin-tube shock absorbers	S
Steering type	Hydraulic electric
Power-assist	Vehicle speed-sensitive
Steering ratio (:1)	16.8
Turns (lock-to-lock)	2.9

WHEELS AND TIRES	
Wheels	
18 x 7.5-inch triple 5-spoke painted silver finish aluminum-alloy wheels	S
20 x 7.5-inch split 15-spoke 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	65.7
Rear track width	65.7
Angle of approach (degrees)	14.0
Angle of departure (degrees)	20.6
Breakover angle	14.2
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

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EXTERIOR FEATURES AND OPTIONS		
Body color front and rear bumpers, center section		S
Chrome grille, door handles and window moldings		S
Headlights	Automatic on/off High Intensity Discharge (HID) bi-functional xenon	S
	LED Daytime Running Lights	S
	LED fog lights (front fascia mounted)	S
Glass	Windshield	UV-reducing
	Driver and front passenger windows	Acoustic, UV-reducing
	Rear door glass	Dark privacy glass
	Rear quarter windows	Dark privacy glass
	Rear liftgate	Dark privacy glass
Wipers	Front windshield	Variable intermittent
	Rear liftgate	Intermittent with washer
	Rain-sensing	O
Outside mirrors	Power folding	S
	Heated	S
	Power adjust	S
	Reverse tilt-down feature	O
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

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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 (State laws may apply; review local laws before using)	O

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
USB connection port for iPod® interface and other compatible devices	S
SiriusXM® Satellite Radio (SiriusXM® subscription required, sold separately)	S

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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
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
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
RearView Monitor	S

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Front and Rear Sonar System	0
Intelligent Cruise Control (Full-Speed Range)	0
Distance Control Assist (DCA)	0
Around View® Monitor (AVM)	0
Moving Object Detection (MOD)	0

CAPACITIES	
Seating capacity	7
Total passenger volume (cu. ft.)	149.8
Cargo volume – behind 3 rd row (cu. ft.)	15.8
Cargo volume – 3 rd row folded (cu. ft.)	40.8
Cargo volume – 2 nd and 3 rd row folded (cu. ft.)	76.5
Total interior volume (cu. ft.)	165.6
Fuel tank (gals.)	19.5
Engine oil (qts.)	5.1
Engine coolant (qts.)	10.1

CURB WEIGHTS		QX60 3.5	QX60 3.5 AWD
Curb weight (lbs.)	Front	2,487.3	2,540.1
	Rear	1,892.0	1,975.1
	Total	4,379.2	4,515.2
Weight distribution		56/44	56/44
GVWR (lbs.)		5,985	5,985

EPA MILEAGE ESTIMATES (actual mileage may vary)	QX60 3.5	QX60 3.5 AWD
City	21	19
Highway	27	26
Combined	23	22

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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	
Blind Spot Warning (BSW)	O
Lane Departure Warning (LDW) and Lane Departure Prevention (LDP)	O
Front Pre-Crash Seat Belts	O
Predictive Forward Collision Warning (PFCW)	O
Forward Emergency Braking with pedestrian detection	O

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PACKAGES AND OPTIONS	
Premium Package: Bose® 13-speaker Premium Sound System with Acoustic Waveguide subwoofer, AM/FM/CD with MP3 playback capability, Radio Data System (RDS) and speed-sensitive volume control; 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 seating position and last-used audio settings, 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, roof rails, bumper protector	O
Premium Plus Package: Infiniti Navigation with Infiniti Connection, 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); 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; illuminated kick plates	O (requires Premium Package)
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 Premium Plus Packages)
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; front and rear sonar system	O (requires Premium Package)

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Deluxe Technology Package: Intelligent Cruise Control (Full-Speed Range); Blind Spot Warning (BSW); Backup Collision Intervention (BCI); Distance Control Assist (DCA); front and rear sonar sensors; Active Trace Control; Eco Pedal; Bose® Cabin Surround® Sound System with 15 speakers with Acoustic Waveguide subwoofer and digital 5.1 decoding; 20-inch split 15-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); unique seat quilting – 1 st and 2 nd rows; 3 rd row seat back power return; Maple interior accents; Lane Departure Warning (LDW) and Lane Departure Prevention (LDP); Blind Spot Intervention (BSI) system; Front Pre-Crash Seatbelts; Forward Emergency Braking (FEB) with pedestrian detection; Predictive Forward Collision Warning (PFCW); cross bars	O (requires Premium Plus, not available with Driver Assistance Package)
20-inch Wheel & Tire Package: 20-inch split 15-spoke aluminum-alloy wheels with 235/55R20 H-rated all-season tires	O (requires Premium Plus Package)

S – Standard

O – Optional

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