

2017 INFINITI QX60 Hybrid

Technical Specifications, Features and Options

For 2017 INFINITI QX60 non-Hybrid specifications, please visit InfinitiNews.com

Assembly Plant Location: Smyrna, Tennessee

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	Tier3Bin125 (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 Premium	QX60 Hybrid Premium AWD
Drive configuration	Front engine	FWD	Intelligent AWD
Transmission type		Electronically Controlled Continuously Variable	
Automatic transmission oil cooler		S	
Gear ratios (:1)		2.413 – 0.383	
Reverse		5.14	
Final drive ratio (:1)		5.846	
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 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

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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 finish aluminum-alloy wheels	O
Tires	
235/65R18 all-season tires	S
235/55R20 all-season tires	O
Temporary spare tire – T165/90D18	S (under body)
Tire Pressure Monitoring System (direct sensor type) with Tire Inflation Indicator	S

EXTERIOR DIMENSIONS (inches)	
Wheelbase	114.2
Overall length	200.1
Overall width	77.2
Overall height	68.8
Front track width	65.7
Rear track width	65.7
Angle of approach (degrees)	14.7
Angle of departure (degrees)	20.4
Ground clearance	6.5
Step in height – 1 st row	18.2
Step in height – 2 nd row	18.7
Coefficient of drag	0.33

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
	LED Daytime Running Lights
	LED fog lights (front fascia mounted)
High Beam Assist	
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

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	Reverse tilt-down feature	O
	Auto-dimming	O
Roof rack	Side rails, 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
Motion-Activated Liftgate		O

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 (37.3 with moonroof)
Shoulder room	60.4
Hip room	55.8
Leg room	41.7
Third row	
Head room	36.5 (35.0 with panoramic moonroof)
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	S
Entry/exit assist for driver's seat and steering wheel	S
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 cup holders 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

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Heated steering wheel	S
Remote Engine Start System (State laws may apply; review local laws before using)	S

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	
Bose® 13-speaker Premium Audio system, including AM/FM/CD/DVD with MP3 playback capability, Radio Data System (RDS) and speed-sensitive volume control	S
Bose® Cabin Surround® 15-speaker sound system with digital 5.1-channel 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-mounted controls for audio and cruise control	S
Dual 8-inch color monitors for multimedia video playback, two wireless headphones, wireless remote control, 120V power outlet and 12V power outlet, rear headphone jacks with volume control, HDMI port and single USB port (audio/video capable)	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	S
Tri-Zone Automatic Temperature Control system with microfilter	S

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Rear seat heater ducts under front and 2 nd row seats	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
HEV gauge in meter display	S
8-inch color information display	S
INFINITI InTouch [™] with Navigation and INFINITI InTouch [™] Services with 8-inch WVGA color touch-screen display, Lane Guidance	S
Cruise control with steering wheel-mounted switches	S
INFINITI Voice Recognition for audio, navigation and vehicle information systems	S
SiriusXM [®] Traffic and Travel Link with 4-year complementary trial access to traffic, weather, fuel, prices, stocks, sports and movie times	S
Front and Rear Sonar System	S
Intelligent Cruise Control (Full-Speed Range)	O
Distance Control Assist (DCA)	O
Around View [®] Monitor (AVM) with Moving Object Detection (MOD)	S

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.)	156.7
Fuel tank (gals.)	19.5
Engine oil (qts.)	5.9
Engine coolant (qts.)	10.1

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CURB WEIGHTS		QX60 Hybrid Premium	QX60 Hybrid Premium AWD
Curb weight (lbs.)	Front	2,541	2,594
	Rear	2,020	2,107
	Total	4,561	4,700
Weight distribution		56/44	56/44
GVWR (lbs.)		6,000	6,000

EPA MILEAGE ESTIMATES (actual mileage may vary)	QX60 Hybrid Premium	QX60 Hybrid Premium AWD
City	25	25
Highway	27	27
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	
Blind Spot Warning (BSW)	O
Blind Spot Intervention™	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	
HEV Deluxe Technology & Theater Package: Intelligent Cruise Control (Full-Speed Range); Blind Spot Warning (BSW); Backup Collision Intervention (BCI); Distance Control Assist (DCA); Active Trace Control; front and rear sonar system; Bose® Cabin Surround® 15-speaker sound system with digital 5.1-channel decoding; 20 x 7.5-inch, split 15-spoke aluminum-alloy wheels with all-season tires; 2 nd and 3 rd row moonroof with power rear sunshade; Advanced Climate Control System (ACCS) with auto-recirculation, Plasmacluster® air purifier and Grape Polyphenol Filter; Climate-controlled front seats; heated second-row seats (outboard only); Maple interior accents; Lane Departure Warning (LDW) and Lane Departure Prevention (LDP); Blind Spot Intervention® (BSI®); Forward Emergency Braking with pedestrian detection; Predictive Forward Collision Warning; Front Pre-Crash Seat Belts; roof rail crossbars; dual 8-inch color monitors for multimedia video playback, two wireless headphones, wireless remote control, 120V power outlet and 12V power outlet, rear headphone jacks with volume control, HDMI port and single USB port (audio/video capable); Eco Pedal; unique Hour Glass Seat Quilting – 1 st and 2 nd rows; High Beam Assist; auto-dimming side mirrors; Motion Activated Liftgate	O

S – Standard

O – Optional

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