

At a Glance: 2017 INFINITI Q50

The INFINITI Q50, the brand's best-selling vehicle, follows the significant powertrain enhancements for 2016 (which included all-new 2.0 turbo and 3.0 twin-turbo engines and a new Dynamic Digital Suspension) with new 2.0t Sport and 2.0t Sport AWD models, a new Design Package for V6-equipped Sport models and a new Signature Edition for Q50 3.0t Premium models.

The 2017 INFINITI Q50 is now offered in a full range of trim levels, each in a choice of rear-wheel or all-wheel drive – Q50 2.0t, Q50 2.0t Premium, Q50 2.0t Sport, Q50 Hybrid Premium, Q50 3.0t Premium, Q50 3.0t Sport and Q50 Red Sport 400, along with the new Signature Edition.

Highlights of the enhancements to the 2017 INFINITI Q50 include:

- New 2.0t Sport and 2.0t Sport AWD models added – featuring 19-inch aluminum-alloy sport wheels with 245/40R19 summer performance run-flat tires, magnesium paddle shifters, aluminum-accented pedals, sport-type leather-appointed seats, sport brakes, sport front bumper, 60/40 folding rear seat, memory seating, auto-dimming memory outside rearview mirrors with reverse link, silver "S" exterior badging
- New Design Package available with 3.0t Sport models – includes quilted Graphite or Havana semi-aniline leather-appointed seating with contrast stitching, Natural Maple Wood accents, unique black headliner and pillars, Dark Chrome interior trim
- Red brake calipers added to Red Sport 400 models
- Auto dimming rearview mirrors, HomeLink® Universal Transceiver and rain-sensing wipers added to Q50 base model
- Advanced Climate Control System added to Premium model
- Q50 Premium models feature a new Bose® Performance Series audio system with enhanced sound reproduction and two additional speakers (16 total)
- SiriusXM® Travel Link revised to include four years of complimentary service
- Three new exterior colors – Dynamic Sunstone Red, Midnight Black and Pure White (Venetian Red and Malbec Black no longer available)
- Special Signature Edition content, includes a power-sliding tinted glass moonroof, INFINITI InTouch Navigation and 3D building graphics, INFINITI InTouch telematics system, SiriusXM® Traffic, Voice Recognition for navigation functions, Navi Synchronized Adaptive Shift Control, 60/40 split-fold rear seat and 17-inch bright finish aluminum-alloy wheels with all-season run-flat tires

As in 2016, leading the list of four available 2017 Q50 powerplants is the exclusive “VR-series” 3.0-liter V6 twin-turbo engine. It is available in two states of tune – 400 horsepower or 300 horsepower. Both of the VR-series engines were developed to provide an ideal mix of drivability, efficiency and performance. Around 85 percent of the parts utilized in the VR-series V6 are different from those used in the previous VQ-series V6.

Complementing the 3.0-liter V6 is a 2.0-liter four-cylinder turbocharged unit, rated at 208 horsepower at 5,500 rpm, with peak torque of 258 lb-ft available from 1,500 rpm. This engine, like the 3.0-liter V6, has been engineered to blend responsive performance with enhanced fuel efficiency. The 2.0-liter engine features a lightweight aluminum block and cylinder head with chain-driven dual-overhead camshafts. The die-cast crankcase and optimized crank assembly promote weight savings while also reducing friction and improving efficiency. The engine also features an idle stop-start system.

The Q50 again remains available with an advanced gasoline-electric hybrid powertrain that features INFINITI’s proven Direct Response Hybrid® system with Intelligent Dual Clutch Control. It combines a 3.5-liter 24-valve DOHC aluminum-alloy V6 and a compact laminated lithium-ion battery with an innovative one-motor, two-clutch control. The system’s V6 is rated at 302 horsepower and 258 lb-ft of torque, while the advanced 50 kW electric motor is rated at 67 horsepower and 214 lb-ft of torque. The hybrid system net power is 360 horsepower, providing strong acceleration and good fuel economy.

All 2017 Q50 models come equipped with a refined 7-speed automatic transmission with available solid magnesium paddle shifters. The INFINITI Drive Mode Selector with Snow, Eco, Standard, Sport and Personal settings is also standard on all models; it’s part of the INFINITI InTuition™ System, an advanced customizable digital environment system that allows drivers to create unique settings for engine, suspension and steering (when equipped with INFINITI Direct Adaptive Steering™) settings.

Among the Q50’s available advanced drivetrain technologies is the second-generation Direct Adaptive Steering, with a selection of steering modes accessed through the Drive Mode Selector. Located on the center console, Drive Mode Selector allows the steering response to be selected from six available options: Personal, Standard, Snow, Eco, Sport, and Sport+. Standard on Q50 models equipped with the 3.0-liter V6 twin-turbo engine is INFINITI’s refined Rack Electronic Power Steering. This system provides a linear and in-control driving experience that can be tuned through the Drive Mode Selector.

The Q50 also features available Dynamic Digital Suspension. Standard on Q50 3.0t Sport and Red Sport 400 grades, it provides an optimal blend of ride comfort and class-leading response and agility. The shift from a comfort-

biased ride to enhanced dynamic response can be made when the driver places the electronically adjustable shock absorbers in either Sport or Sport+ modes (adjusted via the Drive Mode Selector), providing firmer damping control for more agile handling. While in these modes, the suspension is constantly adjusting to provide ideal performance and a flat ride.

The 2017 Q50 again combines distinctive design and engaging performance with world's first technologies and unmatched levels of connectivity and personalization. Its tight, athletic appearance brings low, wide proportions with excellent interior roominess to a class marked by unexciting design.

Inside, the Q50 interior offers a driver-centric cockpit with an array of premium comfort and convenience features. The standard INFINITI InTouch™ communications system includes large dual touch-screen displays (8-inch upper, 7-inch lower) and puts communication with the outside world within easy reach, with integration of hands-free phone, moving map navigation, and entertainment systems*.

As expected, the 2017 Q50 includes a long list of safety, security and driving aid technologies. Among the available systems are an Around View® Monitor with Moving Object Detection, Intelligent Cruise Control with Full Speed Range, Forward Emergency Braking, Distance Control Assist, Blind Spot Warning, Blind Spot Intervention®, Backup Collision Intervention®, Lane Departure Warning, Lane Departure Prevention with Active Lane Control™, Adaptive Front lighting System and high beam assist technology, and the Predictive Forward Collision Warning system.

Highlights of the 2017 INFINITI Q50 include:

Design

- Sensuous dynamic styling with unexpected spaciousness
- Low, wide proportions and tight, athletic stance
- INFINITI signature "double arch" front grille, dynamic arch silhouette and Crescent-cut C-pillar
- Distinctive LED headlights, fog lights and Daytime Running Lights, LED rear combination lamps
- Available Adaptive Front lighting System with high beam assist technology
- Available sport front fascia (Q50 3.0t Sport, Red Sport 400)
- Available power sliding and tilting tinted glass sunroof with one-touch open/close and sliding sunshade
- Heated outside mirrors with integrated LED turn signals, available auto dimming outside mirrors with reverse synchronization mirror angle
- Body-color outside door handles with chrome accents
- Dual chrome exhaust finishers, custom exhaust finisher on Red Sport 400
- Advanced aerodynamic design with 0.26 coefficient of drag (select models) and zero front and rear lift concept

- Ten available premium exterior colors: Chestnut Bronze, Liquid Platinum, Graphite Shadow, Black Obsidian, Majestic White, Hagane Blue, Iridium Blue and new Midnight Black, Pure White and Dynamic Sunstone Red

Performance

- Front engine/rear-wheel drive or Intelligent All-Wheel Drive
- 3.0-liter aluminum-alloy DOHC 24-valve twin-turbo V6, rated at 400 horsepower and 350 lb-ft of torque, featuring twin water-to-air charge coolers with two water pumps, optical turbo speed sensor, 14.7 psi turbo boost (Q50 Red Sport 400)
- 3.0-liter aluminum-alloy DOHC 24-valve twin-turbo V6, rated at 300 horsepower and 295 lb-ft of torque, featuring twin water-to-air charge coolers with single water pump, 9.5 psi turbo boost (Q50 3.0t Premium, Q50 3.0t Sport)
- 2.0-liter DOHC 16-valve turbocharged inline-4, rated at 208 horsepower and 258 lb-ft of torque (Q50 2.0t)
- INFINITI Direct Response Hybrid™ with intelligent dual clutch control, combining 3.5-liter 24-valve DOHC aluminum-alloy V6 and compact laminated lithium-ion battery design with an innovative one-motor/two-clutch motor control; V6 rated at 302 horsepower and 258 lb-ft of torque, advanced 50 kW electric motor rated at 67 horsepower and 214 lb-ft of torque, Hybrid system net power: 360 horsepower (Q50 Hybrid Premium)
- 7-speed electronically controlled automatic transmission with Downshift Rev Matching and manual shift mode, Adaptive Shift Control
- Available steering column-mounted magnesium paddle shifters
- Drive mode selector switch (Sport, Standard, ECO, Snow, Personal settings)
- 4-wheel independent suspension (front single-pivot double-wishbone design/revised multi-link rear design) with extensive use of lightweight aluminum components and front and rear stabilizer bars
- Available Dynamic Digital Suspension (Q50 3.0t Sport, Q50 Red Sport 400)
- Available Hydraulic Electronic Power Steering (Q50 2.0t)
- Available rack-based Electric Power Steering (Q50 3.0-liter V6 models)
- Available second-generation Direct Adaptive Steering™ technology for enhanced steering feel and personalized selection of steering effort and gear ratio
- 4-wheel power-assisted vented disc brakes, 4-wheel Anti-lock Braking System, Electronic Brake force Distribution, Brake Assist
- Available Sport Brakes with upgraded rotors, 4-piston front calipers and 2-piston rear calipers (Q50 2.0t Sport, Q50 3.0t Sport, Q50 Red Sport 400)
- 17-inch aluminum-alloy wheels with machine-finished surface, 225/55R17 all-season run-flat tires
- Available 19-inch aluminum-alloy sport wheels with 245/40R19 all-season or summer run-flat tires

- Available staggered aluminum-alloy wheels with 245/40R19 front, 265/35R19 rear run-flat summer tires
- Advanced Vehicle Dynamic Control with Active Trace Control for enhanced dynamic cornering ability
- Available Active Lane Control™ (utilizing world's first Direct Adaptive Steering technology)
- Tire-specific Tire Pressure Monitoring System

Hospitality

- Driver-oriented layout and a console with warm, asymmetric design
- Ample knee, head and shoulder roominess
- Easy rear ingress/egress provided by wide rear door openings
- Natural contour ergonomic-design front seats for enhanced comfort
- Premium leatherette seating surfaces
- Available leather-appointed seating with power lumbar
- 8-way power-adjustable driver's seat with manual lumbar support, 8-way power-adjustable front passenger seat
- Available 60/40 split rear seat
- Rear center armrest with trunk pass-through
- Available sport-type leather-appointed seats, manual thigh extensions (driver and front passenger)
- Available power torso bolsters (driver's side)
- Available heated front seats and heated steering wheel
- Fine Vision electroluminescent instrumentation
- Kacchu aluminum interior trim on center console, instrument panel and doors
- Available Maple wood trim
- Available quilted Graphite or Havana semi-aniline leather seating with contrast stitching (Design Package)
- Available unique black headliner and pillars, Dark Chrome interior trim (Design Package)
- Available aluminum-accented pedals (standard on sport grades)
- Available Bose® Performance Series Audio system with 16 speakers, Bose® Performance Centerpoint® simulated sound
- Dual-Zone Automatic Temperature Control
- Available Advanced Climate Control System with Plasmacluster® air purifier
- INFINITI Intelligent Key with Push Button Ignition, touch unlock door function
- INFINITI InTuition™ – a customizable digital environment for storing and providing various driver settings and driving characteristics to Intelligent Key
- Power front and rear windows with illuminated switches and one-touch auto up/down feature
- Rear passenger personal lamps
- RearView Monitor
- Available Around View® Monitor with Moving Object Detection

- HEV sound management technologies, including available Active Noise Control

INFINITI InTouch™

- INFINITI InTouch™ with Navigation and INFINITI InTouch™ Services, with lane guidance and 3D building graphics, voice recognition for navigation functions, including one-shot voice destination entry, INFINITI InTouch™ Services with six months of safety, security and convenience services
- SiriusXM® Traffic, including real-time traffic information (SiriusXM® subscription required, sold separately)
- SiriusXM® Travel Link with access to weather, fuel prices, stocks, sports and movie times (SiriusXM® subscription required, sold separately) with 4-year complimentary access
- SiriusXM® Satellite Radio (SiriusXM® subscription required, sold separately), High Definition (HD) radio
- INFINITI Connection™ with Automatic Collision Notification, Destination Assistance and Drive Zone Monitoring
- Bluetooth® Hands-free Phone System and Streaming Audio via Bluetooth®
- Voice Recognition for audio, navigation, SMS

Safety Shield Technologies

- INFINITI Advanced Air Bag System with dual-stage supplemental front air bags with occupant classification sensor
- Front seat-mounted side impact supplemental air bags
- Roof-mounted curtain side impact supplemental air bags for front- and rear-seat outboard occupant head protection
- Available front seat driver/passenger Pre-Crash Seat Belts
- Available Intelligent Cruise Control with full speed range, Predictive Forward Collision Warning, Forward Emergency Braking, Distance Control Assist, Blind Spot Warning, Blind Spot Intervention®, Backup Collision Intervention, Lane Departure Warning, Lane Departure Prevention with Active Lane Control™ (utilizing world's first production Direct Active Steering technology)
- Traction control system (integrated with Vehicle Dynamic Control)
- Available high beam assist technology

Models

- Offered in six 2.0-liter turbo models: Q50 2.0t, Q50 2.0t AWD, Q50 2.0t Premium, Q50 2.0t Premium AWD, Q50 2.0t Sport and Q50 2.0t Sport AWD
- Offered in four 300-horsepower, 3.0-liter V6 twin-turbo models: Q50 3.0t Premium, Q50 3.0t Premium AWD, Q50 3.0t Sport, and Q50 3.0t Sport AWD
- Offered in two 3.5-liter Hybrid models: Q50 Hybrid Premium and Q50 Hybrid Premium AWD

- Offered in two 400 horsepower 3.0-liter V6 twin-turbo models:
Q50 Red Sport 400 and Q50 Red Sport 400 AWD

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*Some operations not available while vehicle is in motion.