

2017 INFINITI Q50 Sports Sedan – 2.0t

Technical Specifications, Features and Options

Note: 2017 INFINITI Q50 3.0t and Q50 Hybrid specifications available at INFINITInews.com

ENGINE	
Type	DOHC 16-valve turbocharged inline-4 cylinder
Orientation	Longitudinal
Cylinders / configuration	Inline 4 with resin coated pistons
Block / head composition	Aluminum-alloy/aluminum-alloy
Displacement (liters / cc)	2.0 liters / 1,991 cc
Horsepower	208 hp @ 5,500 rpm
Torque	258 lb-ft @ 1,500 – 3,500 rpm
Bore x stroke (mm)	83.0 x 92.0
Compression ratio (:1)	9.8
Maximum engine speed	6,300 rpm
Induction system	Direct fuel injection
Valvetrain	4 valves per cylinder, Variable Valve Timing Control system
Mounts	Front Rear
	2 liquid-filled 1 liquid-filled, 1 solid
Idle stop-start system	Standard
Required fuel	Premium unleaded
Emissions system	Closed loop feedback system with 2 catalysts
Emission certification level	Tier3-Bin125/LEV2-ULEV
Exhaust	Dual with finishers

ELECTRICAL	
Electronic (direct) ignition system	S
150 amp alternator	
1.7 kW starter	
S-95 battery, 75 Ah	

DRIVETRAIN	Q50 2.0t	Q50 2.0t Premium	Q50 2.0t Sport
Front engine/rear-wheel drive	S (RWD)	S (RWD)	S (RWD)
Front engine/ATESSA ET-S® all-wheel drive	S (AWD)	S (AWD)	S (AWD)
Transmission type	7-speed automatic w/Sport mode and Downshift Rev Matching		
Adaptive Shift Control	S		
Hill Start Assist	S		
Gear ratios (:1)	1st	4.783	
	2nd	3.103	
	3rd	1.984	
	4th	1.371	
	5th	1.000	
	6th	0.871	
	7th	0.776	
	Rev.	3.859	
Final drive ratio (:1)	2.937 (RWD)		3.133(AWD)

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Advanced Vehicle Dynamic Control (VDC) with cancellation switch	S
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BODY, SUSPENSION AND STEERING		Q50 2.0t	Q50 2.0t Premium	Q50 2.0t Sport
Body type	Unibody	High-strength steel corrosion-resistant, aluminum hood		
Front suspension – Independent double-wishbone with coil springs over Dual Flow Path® shock absorbers, 31.8 mm stabilizer bar		S	S	-
Sport-tuned front suspension – Independent double-wishbone with coil springs over double-piston shock absorbers, 31.8 mm stabilizer bar		-	-	S
Rear suspension – Multi-link independent with coil springs over Dual Flow Path® shock absorbers, 20.0 mm stabilizer bar		S	S	-
Sport-tuned rear suspension – Multi-link independent with coil springs over double-piston shock absorbers, 20.0 mm stabilizer bar		-	-	S
Steering type		Power-assisted, vehicle-speed-sensitive rack-and-pinion – Hydraulic Electric		
Steering ratio		16.7:1		
Turns (lock-to-lock)		2.87		
Turning diameter (feet)	RWD AWD	36.7 37.4		

BRAKES		Q50 2.0t	Q50 2.0t Premium	Q50 2.0t Sport
Power-assisted vented disc (in.)	Front 12.6 x 1.1	S	S	-
	14.0 x 1.3	-	-	S
Rear	12.1 x 0.6	S	S	-
	13.8 x 0.8	-	-	S
4-piston opposed front calipers		-	-	S
Silver-painted calipers		-	-	S
Electronic Brake force Distribution		S		
Brake Assist with Preview Braking Function		S		
4-wheel/4-channel/4-sensor Anti-lock Braking System (ABS)		S		
Active Trace Control (ATC)		S		
Parking brake		Foot-operated		

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WHEELS AND TIRES	Q50 2.0t	Q50 2.0t Premium	Q50 2.0t Sport
Wheels			
17x7.5-in. split 5-spoke aluminum-alloy	S	S	-
19x8.5-in. triple 5-spoke aluminum-alloy	-	-	S
Tires			
225/55R17 all-season run-flat performance	S	S	-
245/40R19 summer run-flat performance	-	-	S - RWD
245/40R19 all-season run-flat performance	-	-	S - AWD
Temporary T145/70R18 spare	O		

EXTERIOR DIMENSIONS (inches)	Q50 2.0t	Q50 2.0t Premium	Q50 2.0t Sport
Wheelbase	112.2		
Overall length	188.3	188.3	189.1
Overall width	71.8		
Overall height	RWD	57.2	
	AWD	57.2	
Front track width	60.8	60.8	60.4
Rear track width	61.6	61.6	61.4
Minimum ground clearance	RWD	5.0	
	AWD	5.0	
Coefficient of Drag (Cd)	0.26	0.26	0.28

EXTERIOR FEATURES AND OPTIONS	Q50 2.0t	Q50 2.0t Premium	Q50 2.0t Sport
Signature LED headlights (LED high/low beam), daytime running lights	S		
Automatic on/off	S		
Front LED fog lights and turn signals (mounted in lower fascia)	S		
Rear LED brake lights and center high-mounted stoplight (CHMSL)	S		
Body-color dual power controlled heated outside mirrors	S		
Auto dimming outside mirrors with reverse synchronization, memory feature	-	O	S
Tinted glass power moonroof with rear tilt feature, sliding sunshade, one-touch operation	O	S	S
Unique sport front bumper	-	-	S
Silver "S" exterior badging	-	-	S
Speed-sensing flat-blade variable intermittent front windshield wipers	S		
Rain-sensing front windshield wipers	S		
Front door handle courtesy lights	S		
Dual chrome exhaust finishers	S		

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INTERIOR DIMENSIONS (inches)	Front	Rear
Headroom without moonroof	40.2	37.5
Headroom with moonroof	39.5	36.8
Shoulder room	56.7	56.1
Hip room	53.2	52.5
Legroom	44.5	35.1

INTERIOR FEATURES AND OPTIONS	Q50 2.0t	Q50 2.0t Premium	Q50 2.0t Sport
Leatherette seating surfaces	S	S	-
Leather-appointed seats	-	O	S
8-way power driver's seat w/manual adjustable lumbar support	S	S	S
Power lumbar and torso support	-	-	S
8-way power front passenger's seat	S	S	S
Heated front seats	-	O	O
60/40 split-folding rear seat	-	O	-
Leather-covered steering wheel with illuminated audio and cruise control buttons	S		
Solid magnesium paddle shifters	-	-	S
Heated steering wheel	-	O	O
Fine Vision electroluminescent instrumentation	S		
INFINITI InTouch™ dual display system with upper 8" and lower 7" VGA LCD touch screens	S		
INFINITI Controller	S		
INFINITI InTuition™: a fully customizable digital environment for storing driver settings to Intelligent Key	S		
"Kacchu" finish aluminum trim	S		
Aluminum sill plates w/ "INFINITI" script	S		
Around View® Monitor with Moving Object Detection (MOD)	-	O	O
RearView Monitor	S		
HomeLink® Universal Transceiver	S		
Bluetooth® Hands-free Phone System with hands-free text messaging assist.	S		
Bluetooth® Streaming Audio	S		
Dual Zone Automatic Temperature Control with microfiltration	S		
Advanced Climate Control System with auto recirculation, Plasmacluster® air purifier and Grape Polyphenol Filter	-	S	S
Memory system for driver's seat, steering wheel and outside mirror	-	O	S

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Driver's seat, steering wheel and outside mirrors position synchronization	-	0	S
Power tilt and telescope steering wheel with entry/exit assist	-	0	S
Aluminum-accented pedals and footrest	-	-	S
Rear Sonar System	-	0	0
Fold-down rear center armrest with trunk pass-through feature	-	0	-
Rear window defroster with indicator light and timer	S		
Illuminated entry system with time delay fade-out	S		
Front seatback pockets	S		
Cruise control w/ steering wheel mounted controls	S		
Power windows with front one-touch auto-up/down with auto-reverse feature, remote keyless entry operable	S		
Remote trunk release, electromagnetic trunk opener	S		
Locking glove compartment with light	S		
Driver and front-passenger sun visors with extenders and illum. vanity mirrors	S		
Dual overhead map lights w/ sunglasses holder	S		
Rear seat reading lights	S		
Cup holders, 4 front, 2 rear	S		
INFINITI Intelligent Key system with push button ignition	S		
Trunk illumination and hooks (4)	S		
Front armrest with storage compartment, 12-volt power outlets (2), auxiliary jack, video input and two USB connection ports	S		
Retained accessory power for windows and moonroof (if equipped)	S		

INSTRUMENTATION	
Analog speedometer, tachometer, coolant temperature and fuel gauges and white electroluminescent instrumentation	S
Odometer with dual trip meters	
Multi-function trip computer display w/instant fuel economy, driving time, outside temperature, distance to empty, average speed, average fuel economy	

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AUDIO AND NAVIGATION SYSTEMS	Q50 2.0t	Q50 2.0t Premium	Q50 2.0t Sport
6-speaker audio system with RDS, MP3 playback capability and in-dash CD player	S	-	-
Bose® Performance Series Audio system with 16 speakers, Bose® Performance Centerpoint® simulated sound, CD player, RDS and MP3 playback capability	-	S	S
HD radio	S		
Speed sensing volume control	S		
Two USB inputs, aux input and video input			
Rear window in-glass diversity antenna	S		
SiriusXM® Satellite Radio (SiriusXM subscription required, sold separately)	S		
SiriusXM® Travel Link with access to weather, fuel prices, stocks, sports and movie times (SiriusXM® subscription required, sold separately) with 4-year complimentary access	S		
Steering-wheel mounted audio controls	S		
INFINITI Voice Recognition	S		
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)	-	O	O

CAPACITIES	
Seating capacity	5
Interior passenger volume (cu. ft.)	100.0 w/moonroof, 101.5 w/o moonroof
Trunk volume (cu. ft.)	13.2
Fuel tank (gals.)	20.0
Engine oil (qts.)	7.4
Engine coolant (qts.)	9.5

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CURB WEIGHTS (lbs)	Q50 2.0t RWD	Q50 2.0t AWD	Q50 2.0t Prem. RWD	Q50 2.0t Prem. AWD	Q50 2.0t Sport	Q50 2.0t Sport AWD
Front	1,973	2,087	1,984	2,101	2,026	2,140
Rear	1,679	1,700	1,708	1,723	1,761	1,781
Total	3,652	3,787	3,692	3,824	3,787	3,921
Weight distribution (% fr/rr, w/ driver)	54/46	55/45	54/46	55/45	54/46	55/45
GVWR (lbs.)	4,780	4,940	4,780	4,940	4,780	4,940

EPA MILEAGE ESTIMATES <i>(Actual mileage may vary)</i>	RWD	AWD
City	23	22
Highway	31	28
Combined	26	24
EPA Classification	Mid-size cars	

SAFETY AND SECURITY FEATURES	Q50 2.0t	Q50 2.0t Premium	Q50 2.0t Sport
Advanced Air Bag System (AABS) with dual-stage supplemental front air bags with occupant classification sensor	S		
Front seat-mounted side impact supp. air bags	S		
Roof-mounted curtain side impact supplemental air bags for front and rear-seat outboard occupant head protection	S		
LATCH System (Lower Anchors and Tethers for Children)	S		
Front seat belts with pretensioners and load limiters	S		
Zone Body construction	S		
Power window lockout function	S		
Shift interlock system	S		
Energy-absorbing steering column	S		
Vehicle Security System with indicator light and INFINITI Vehicle Immobilizer System	S		
Remote Keyless Entry system with panic alarm	S		
Vehicle Dynamic Control (VDC)	S		
Tire Pressure Monitoring System (TPMS)	S		
Blind Spot Warning (BSW)	-	0	0
Backup Collision Intervention (BCI) with Rear Cross Traffic Alert (RCTA)	-	0	0
Predictive Forward Collision Warning (PFCW)	-	0	0
Forward Emergency Braking (FEB)	-	0	0
Lane Departure Warning (LDW) and Lane Departure Prevention (LDP) with Active Lane Control	-	-	0

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PACKAGES AND OPTIONS	Q50 2.0t	Q50 2.0t Premium	Q50 2.0t Sport
Moonroof Package: Power tilt and sliding tinted glass moonroof with one-touch open/close and sliding sunshade	O	-	-
Spare Tire Package: Temporary spare tire and wheel	-	O	-
Leather Seating Package: Leather-appointed seating, driver seat power lumbar support	-	O	-
Premium Plus Package 2.0t: Auto-dimming outside mirrors; power tilt and telescoping steering wheel with memory and easy entry; memory function for driver's seat and outside mirrors (with reverse link); INFINITI InTouch™ with Navigation with Lane Guidance and 3-D building graphics; INFINITI InTouch™ Services, including six months of safety, security and convenience services; SiriusXM® Traffic, including real-time traffic information (SiriusXM® subscription required, sold separately); Voice Recognition for navigation functions, including one-shot voice destination entry; 60/40 split fold-down rear seat with center armrest and pass-thru; heated steering wheel; driver/front passenger heated seats	-	O	-
Premium Plus Package 2.0t Sport: INFINITI InTouch™ with Navigation with Lane Guidance and 3-D building graphics; INFINITI InTouch™ Services, including six months of safety, security and convenience services; SiriusXM® Traffic, including real-time traffic information (SiriusXM® subscription required, sold separately); Voice Recognition for navigation functions, including one-shot voice destination entry; heated steering wheel; driver/front passenger heated seats	-	-	O

O – Optional

S – Standard

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