

# 2019 INFINITI Q50 SPORTS SEDAN – 2.0T

*Technical Specifications, Features and Options*

Note: 2019 INFINITI Q50 3.0t specifications available at [infinitinews.com](http://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	Turbocharger
Fuel delivery system	Direct fuel injection
Valvetrain	4 valves per cylinder, Variable Valve Timing Control system
Mounts	Front Rear
	2 liquid-filled 1 liquid-filled (RWD), 1 solid (AWD)
Idle stop-start system	Standard
Required fuel	Premium unleaded
Emissions system	Closed loop feedback system with 2 catalyts
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 main; Q85-MF 62 Ah (secondary)	

DRIVETRAIN	
Front engine/rear-wheel drive	S (RWD)
Front engine/ATESSA ET-S® all-wheel drive	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)	
	1 <sup>st</sup> 4.783
	2 <sup>nd</sup> 3.103
	3 <sup>rd</sup> 1.984
	4 <sup>th</sup> 1.371
	5 <sup>th</sup> 1.000
	6 <sup>th</sup> 0.871
	7 <sup>th</sup> 0.776
	Rev. 3.859
Final drive ratio (:1)	2.937 (RWD) 3.133 (AWD)
Advanced Vehicle Dynamic Control (VDC) with cancellation switch	S

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BODY, SUSPENSION AND STEERING		
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
Rear suspension – Multi-link independent with coil springs over Dual Flow Path® 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	36.7
	AWD	37.4

BRAKES		
Power-assisted vented disc (in.)	Front 12.6 x 1.1	S
	Rear 12.1 x 0.6	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

WHEELS AND TIRES		
<b>Wheels</b>		
17x7.5-in. split 5-spoke aluminum-alloy, machined surface		S
<b>Tires</b>		
225/55R17 all-season run-flat		S
Tire Pressure Monitoring System (TPMS), direct sensor type		S

EXTERIOR DIMENSIONS (inches)		
Wheelbase		112.2
Overall length		189.6
Overall width		71.8
Overall height	RWD	57.2
	AWD	57.2
Front track width		60.8
Rear track width		61.6
Minimum ground clearance	RWD	5.0
	AWD	5.0
Coefficient of Drag (Cd)		0.26

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EXTERIOR FEATURES	
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
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

INTERIOR DIMENSIONS (inches)	Front	Rear
Headroom	40.2	37.5
Shoulder room	56.7	56.1
Hip room	53.2	52.5
Legroom	44.5	35.1

INTERIOR FEATURES	
Leatherette seating surfaces	S
8-way power driver's seat w/2-way manual adjustable lumbar support	S
8-way power front passenger's seat w/2-way manual adjustable lumbar support	S
Leather-covered steering wheel with illuminated audio and cruise control buttons	S
Fine Vision electroluminescent instrumentation	S
INFINITI InTouch™ dual display system with upper 8-inch and lower 7-inch VGA LCD touch screens	S
INFINITI Controller	S
INFINITI InTuition™: a fully customizable digital environment for storing driver settings to Intelligent Key	S
Lunar Black trim	S
Aluminum sill plates w/ INFINITI script	S
RearView Monitor	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
Rear window defroster with indicator light and timer	S

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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	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	

AUDIO SYSTEMS	
6-speaker audio system with RDS, MP3 playback capability and in-dash CD player	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
Steering-wheel mounted audio controls	S

CAPACITIES	
Seating capacity	5
Interior passenger volume (cu. ft.)	101.5

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Trunk volume (cu. ft.)	13.2
Fuel tank (gals.)	20.0
Engine oil (qts.)	7.4
Engine coolant (qts.)	9.5

CURB WEIGHTS (lbs)	Q50 2.0t PURE RWD	Q50 2.0t PURE AWD
Front	1,975	2,092
Rear	1,696	1,711
Total	3,671	3,803
Weight distribution (% fr/rr, w/ driver)	54/46	55/45
GVWR (lbs.)	4,780	4,940

EPA MILEAGE ESTIMATES <i>(Actual mileage may vary)</i>	RWD	AWD
City	23	22
Highway	30	28
Combined	25	24
EPA Classification	Mid-size cars	

SAFETY AND SECURITY FEATURES	
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	
Roof-mounted curtain side impact supplemental air bags for front and rear-seat outboard occupant head protection	
LATCH System (Lower Anchors and Tethers for CHildren)	
Front seat belts with pretensioners and load limiters	
Zone Body construction	
Power window lockout function	
Shift interlock system	
Energy-absorbing steering column	
Vehicle Security System with indicator light and INFINITI Vehicle Immobilizer System	
Remote Keyless Entry system with panic alarm	
Vehicle Dynamic Control	
Tire Pressure Monitoring System	
Predictive Forward Collision Warning	
Forward Emergency Braking	

S - Standard

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