

2019 INFINITI Q50 SPORTS SEDAN – 3.0T

Technical Specifications, Features and Options

ENGINE	Q50 3.0t PURE	Q50 3.0t Signature Edition	Q50 3.0t SPORT	Q50 I-Line RED SPORT
Type	VR30DDTT DOHC 24-valve			
Orientation	Longitudinal			
Cylinders / configuration	V6 with resin coated pistons			
Block / head composition	Aluminum-alloy/aluminum-alloy			
Displacement (liters / cc)	3.0 liters / 2,997 cc			
Horsepower	300 hp @ 6,400 rpm	300 hp @ 6,400 rpm	300 hp @ 6,400 rpm	400 hp @ 6,400 rpm
Torque	295 lb-ft @ 1,500 - 5,200 rpm	295 lb-ft @ 1,500 - 5,200 rpm	295 lb-ft @ 1,500 – 5,200 rpm	350 lb-ft @ 1,600 – 5,200 rpm
Bore x stroke (mm)	86.0 x 86.0			
Compression ratio (:1)	10.3	10.3	10.3	10.3
Maximum engine speed	6,800 rpm	6,800 rpm	6,800 rpm	6,800 rpm
Induction system	Twin turbochargers			
Intercooler	Water-cooled, single pump	Water-cooled, single pump	Water-cooled, single pump	Water-cooled, twin pumps
Valvetrain	4 valves per cylinder, Continuously Variable Valve Timing (CVTCS)			
Mounts	Front Rear	2 liquid-filled 1 liquid-filled (RWD), 1 solid (AWD)		
Fuel delivery system	Direct fuel injection			
Required fuel	Premium unleaded			
Emissions system	Closed loop feedback system with 4 catalysts			
Emission certification level	Tier3Bin125/LEV2-ULEV			
Exhaust	3.0t LUXE, 3.0t SPORT I-LINE RED SPORT	Dual with chrome finishers Dual with brushed finishers		

ELECTRICAL	Q50 3.0t LUXE	Q50 3.0t Signature Edition	Q50 3.0t SPORT	Q50 I-LINE RED SPORT
Electronic (direct) ignition system	S	S	S	S
150 amp alternator	S	S	S	-
170 amp alternator	-	-	-	S
1.6 kW starter	S	S	S	S
Q-85 battery	S	S	S	S

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DRIVETRAIN		Q50 3.0t LUXE	Q50 3.0t Signature Edition	Q50 3.0t SPORT	Q50 I-LINE RED SPORT
Drive configuration Front engine/ATESSA ET-S® all-wheel drive		S (AWD)	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)	1 st	4.783			
	2 nd	3.103			
	3 rd	1.984			
	4 th	1.371			
	5 th	1.000			
	6 th	0.871			
	7 th	0.776			
	Rev.	3.859			
Final drive ratio (:1)		2.937	2.937	2.937	3.133
Advanced Vehicle Dynamic Control (VDC) with cancellation switch		S			

BODY, SUSPENSION AND STEERING		Q50 3.0t LUXE	Q50 3.0t Signature Edition	Q50 3.0t SPORT	Q50 I-LINE RED SPORT
Body type	Unibody	High-strength steel corrosion-resistant, aluminum hood			
Front suspension		Independent double-wishbone w/stabilizer bar			
Rear suspension		Multi-link independent w/stabilizer bar			
Electronic controlled Digital Dynamic Suspension		-	-	S	S
Steering type		Rack Electronic Power Steering Available Direct Adaptive Steering			
Steering ratio non- Direct Adaptive Steering		16.7:1	16.7:1	16.7:1	16.7:1
Turns (lock-to-lock) non-Direct Adaptive Steering		2.88	2.88	2.88	2.88
Direct Adaptive Steering		O	-	O	O
Steering ratio - Direct Adaptive Steering		11.86 – 32.36			
Turns (lock-to-lock) Direct Adaptive Steering		2.02			
Turning diameter (feet)		37.4			

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BRAKES	Q50 3.0t LUXE	Q50 3.0t Signature Edition	Q50 3.0t SPORT	Q50 I-LINE RED SPORT
Power-assisted Front vented disc (in.) 12.6 x 1.1	S	S	-	-
Rear 12.1 x 0.6	S	S	-	-
Front 14.0 x 1.3	-	-	S	S
Rear 13.8 x 0.8	-	-	S	S
2-piston front/1piston rear calipers	S	S	-	-
4-piston front/2-piston rear calipers	-	-	S	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			
Parking brake	Foot-operated			

WHEELS AND TIRES	Q50 3.0t LUXE	Q50 3.0t Signature Edition	Q50 3.0t SPORT	Q50 I-LINE RED SPORT
Wheels				
Aluminum-alloy 18x7.5-in	S	-	-	-
19x8.5-in sport	-	S	S	-
19x9-in AWD	-	-	-	-
19-inch Custom imported Glossy black finish	-	-	-	S
Tires – Run Flat				
All-Season Bridgestone 225/50R18	S	S	-	-
All-Season Dunlop 245/40R19	-	-	S	S
Tire Pressure Monitoring System (TPMS) – direct sensor type	S			

EXTERIOR DIMENSIONS (mm)	Q50 3.0t LUXE	Q50 3.0t Signature Edition	Q50 3.0t SPORT	Q50 I-LINE RED SPORT
Wheelbase	2850			
Overall length	4815			
Overall width	1824			
Overall height	1453			
Front track width	1544	1534	1534	1539
Rear track width	1570	1560	1560	1560
Minimum ground clearance	124.5	122	122	122
Coefficient of Drag (Cd)	0.27	0.28	0.28	0.29

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EXTERIOR FEATURES AND OPTIONS	Q50 3.0t LUXE	Q50 3.0t Signature Edition	Q50 3.0t SPORT	Q50 I-LINE RED SPORT
Signature LED headlights (LED high/low beam), daytime running lights	S			
Automatic on/off	S			
Adaptive Front lighting System (AFS) with high beam assist technology	-	-	O	O
Front LED fog lights and turn signals (mounted in lower fascia)	S			
Body-color dual power controlled heated outside mirrors	S			
Auto dimming outside mirrors with reverse synchronization, memory feature	O	-	O	S
Tinted glass power moonroof with rear tilt feature, sliding sunshade, one-touch operation	S			
Unique sport front fascia, rear bumper Appearance	-	S	S	S
Carbon fiber rear decklid spoiler and Blacked out INFINITI double-arch sport grille	-	-	-	S
Signature Edition decklid badge	-	S	-	-
Unique I-LINE badging	-	-	-	S
Black exterior mirror caps	-	-	-	S
Speed-sensing flat-blade variable intermittent front windshield wipers	S			
Front door handle courtesy lights	S			
Dual chrome exhaust finishers	S	S	S	-
Exhaust tip design (unique to I-LINE) + revised exhaust mid pipe (more powerful sound)	-		-	S

INTERIOR DIMENSIONS (inches / mm)	Front	Rear
Headroom with moonroof	39.5 / 990,6	36.8 / 914,4
Shoulder room	56.7 / 1422,4	56.1 / 1422,4
Hip room	53.2 / 1346,2	52.5 / 1320,8
Legroom	44.5 / 1117,6	35.1 / 889

INTERIOR FEATURES AND OPTIONS	Q50 3.0t LUXE	Q50 3.0t Signature Edition	Q50 3.0t SPORT	Q50 I-LINE RED SPORT
Leatherette seating surfaces	S	-	-	-
Leather-appointed seats	-	-	-	S
Sport-type leather-appointed seats	-	S	S	-
Semi-aniline leather seating & quilting	-	-	-	S
8-way power driver's seat w/manual adjustable lumbar support	S	-	-	-
8-way power Front sport driver's seat with manual thigh extension and power lumbar, thigh and torso bolster adjustment	-	S	S	S

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8-way power front passenger's seat	S	S	S	S
Front sport passenger's seat with manual thigh extension	-	S	S	S
60/40 split-folding rear seat	S	S	S	S
Dark Chrome interior trim	-	-	-	S
Leather-covered steering wheel with illuminated audio and cruise control buttons	S			
Heated steering wheel	S	S	S	S
Fine Vision electroluminescent instrumentation	S			

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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			
"Kacchu" finish aluminum trim	-	S	S	S
Maple wood trim	S	-	-	-
Aluminum sill plates w/ INFINITI script	S			
Heated front seats	S	S	S	S
Around View® Monitor with Moving Object Detection	O	-	O	S
HomeLink® Universal Transceiver	S			
Bluetooth® Hands-free Phone System with hands-free text messaging assistant	S			
Dual Zone Automatic Temperature Control with microfiltration	S			
Advanced Climate Control System with Plasmacluster® air purifier	S			
Aluminum accented pedals	-	-	-	S
Memory system for driver's seat, steering wheel and outside mirror	-	-	O	S
Power tilt and telescope steering wheel with entry/exit assist	O	-	O	S
Rear Sonar System	O	S	S	S
Fold-down rear center armrest with trunk pass-through feature	O	S	S	S
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			

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Solid magnesium paddle shifters (steering wheel-mounted)	-		S	-
Dark metallic, dynamic tactile steering wheel-mounted paddle shifters	-	-	-	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	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 with instant fuel economy, driving time, outside temperature, distance to empty, average speed, average fuel economy	

AUDIO AND NAVIGATION SYSTEMS	Q50 3.0t LUXE	Q50 3.0t Signature Edition	Q50 3.0t SPORT	Q50 I-LINE RED SPORT
6-speaker audio system with RDS, MP3 playback capability and in-dash CD player	S	S	S	S
Bose® Performance Series Audio system with 16 speakers, Bose® Performance Centerpoint® simulated sound, CD player, RDS and MP3 playback capability	O	-	O	S
HD radio	S			
Speed sensing volume control	S			
Two USB inputs, aux input and video input	S			
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)	S	S	S	S

All printed information current as of September 2018. Updates available online at [vw](#)

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CAPACITIES	
Seating capacity	5
Interior passenger volume (cu. ft./l)	100.0/2831,68 w/moonroof
Trunk volume (cu. ft./l)	13.5/368,12
Fuel tank (gals./l)	20.0/75,71
Engine oil (qts./l)	5.0/4.7
Engine coolant (qts./l)	9.5/9

CURB WEIGHTS (lbs/kg)	Q50 3.0t LUXE	Q50 3.0t Signature Edition	Q50 3.0t SPORT	Q50 I-LINE RED SPORT
Front	2232/1012	2259/1025	2259/1025	2,289/1038
Rear	1,674/759	1673/759	1673/759	1,723/782
Total	3,906/1772	3932/1784	3932/1784	4012/1820
Weight distribution (% fr/rr, w/ driver)	57/43	57/43	57/43	57/43-
GVWR (lbs./l)	5,159/2340	5,159/2340	5,159/2340	5,159/2340

EPA KM ESTIMATES (Actual KM may vary)	Q50 3.0t LUXE	Q50 3.0t Signature Edition	Q50 3.0t SPORT	Q50 I-LINE RED SPORT AWD
City	12.4	12.4	12.4	12.5
Highway	8.7	8.7	8.7	9.3
Combined	10.8	10.8	10.8	11.1
EPA Classification	Mid-size cars			

SAFETY AND SECURITY FEATURES	Q50 3.0t LUXE	Q50 3.0t Signature Edition	Q50 3.0t SPORT	Q50 I-LINE RED 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				
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				
Pre-Crash Seat Belts	O	-	O	O
Blind Spot Warning	O		O	O
Blind Spot Intervention	O		O	O

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Intelligent Cruise Control (Full Speed Range)	O
Backup Collision Intervention	O
Distance Control Assist	O
Predictive Forward Collision Warning	S
Forward Emergency Braking	S
Lane Departure Warning	O
Lane Departure Prevention with Active Lane Control™	O

PACKAGES AND OPTIONS	Q50 3.0t LUXE	Q50 3.0t Signature Edition	Q50 3.0t SPORT	Q50 I-LINE RED SPORT
Sensory Package: Bose® Performance Series Audio system with 16 speakers, Bose® Performance Centerpoint® simulated sound, RDS and MP3 playback capability; power tilt and telescoping steering column; auto dimming outside mirrors; memory function for steering wheel, driver's seat and outside mirrors; enhanced ambient lighting; Advanced Climate Control System with Plasmacluster® air purifier and Grape Polyphenol Filter	O		O	-
ProASSIST Package: Blind Spot Warning; Around View Monitor with Moving Object Detection; front and rear sonar sensors; Backup Collision Intervention	O	-	O-	O
ProACTIVE Package: Auto leveling Adaptive Front Lighting System; High Beam Assist; Lane Departure Warning; Lane Departure Prevention; Active Lane Control; Intelligent Cruise Control (Full-Speed Range); Distance Control Assist; Direct Adaptive Steering; Eco pedal; Blind Spot Intervention; Front Seat Driver/Passenger Pre-Crash Seat Belts	-O	O	O	O
INFINITI Radiant Illuminated Kickplates	-	O	O	O
INFINITI Radiant Grille Emblem	-	O	O	O

O – Optional

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S – Standard

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