

## 2022 INFINITI Q50 Specifications

Engine	Q50 PURE, LUXE, SPORT TECH	Q50 RED SPORT I- LINE
Type	VR30DDTT	
Camshaft design	DOHC	
Configuration / Orientation	Longitudinally mounted	
Cylinders / Configuration	V-6	
Block / Cylinder head composition	Aluminum / Aluminum	
Displacement (l / cc)	3.0 litre/2,997 cc	
Horsepower	300 hp @ 6,400 rpm	400 hp @ 6,400 rpm
Torque (lb-ft)	295 lb-ft @ 1,500-5,200 rpm	350 lb-ft @ 1,600-5,200 rpm
Bore & stroke (mm)	86 x 86	
Compression ratio (:1)	10.3	
Maximum engine speed (redline rpm)	6,800 rpm	
Induction system	Twin turbochargers	
Intercooler	Water-cooled, single pump	Water-cooled, twin pumps
Fuel delivery system	Direct Injection Gasoline (DIG™)	
Valvetrain	4 valves per cylinder, Continuously Variable Valve Timing	
Recommended fuel	Premium unleaded	
Emission certification level	Tier3 Bin125/ LEV2-ULEV	

Transmission and Drive System		Q50 PURE, LUXE, SPORT TECH	Q50 RED SPORT I-LINE
Drive configuration			
	Front engine/ ATESSA ET-S® all-wheel drive	All-wheel drive	All-wheel drive
Transmission type		7-speed automatic with sport mode and Downshift Rev Matching	
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	
Reverse gear		3.859	
Final drive (:1)		2.937	3.133
Adaptive Shift Control		S	
Advanced Vehicle Dynamic with cancellation switch		S	
Hill Start Assist		S	

Brakes	Q50 PURE, LUXE, SPORT TECH	Q50 RED SPORT I-LINE
Front (in)	Ventilated disc, 12.6 x 1.1 dual-piston calipers	Ventilated disc, 14.0 x 1.3 4-piston calipers

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Rear (in)	Ventilated disc, 12.1 x 0.6 single floating caliper	Ventilated disc, 13.8 x 0.8 dual-piston calipers
Parking brake	Mechanical, foot pedal	
Electronic brake force distribution	S	
Anti-lock braking system		
Brake assist with preview braking function		

Suspension and Steering	Q50 PURE, LUXE, SPORT TECH	Q50 RED SPORT I-LINE
Front suspension	Independent double wishbone with stabilizer bar	
Rear suspension	Multilink independent with stabilizer bar	
Electronic-controlled Digital Dynamic Suspension	-	S
Shock absorbers	Twin tube with dual-flow path	
Rack Electronic Power Steering (EPS)	S	
Steering ratio Rack EPS (:1)	AWD: 16.7	AWD: 16.7
Curb-to-curb turning circle diameter (ft)	AWD: 37.4	

Exterior Dimensions (mm (in))	Q50 PURE	Q50 LUXE, SPORT TECH	Q50 RED SPORT I-LINE
Wheelbase	2,850 (112.2)		
Overall length	4,816 (189.6)		
Overall width	1,824 (71.8)		
Overall height	1,353 (57.2)		
Front track width	AWD: 1,544 (60.8)	AWD: 1,534 (60.4)	AWD: 1,534 (60.4)
Rear track width	AWD: 1,570 (61.8)	AWD: 1,560 (61.4)	AWD: 1,560 (61.4)
Ground clearance	AWD: 5	AWD: 4.9	AWD: 4.8
Coefficient of drag (Cd)	0.26	0.27	0.28

Capacities & Volume	
Seating Capacity	5
Interior passenger volume (litres)	2,832 (with moonroof)
	PURE 2,874 (101.5) (without moonroof)
Trunk volume (litres)	382.2 (13.5)
Fuel tank (litres)	76
Engine oil (litres)	AWD: 5.4
Engine coolant (litres)	8.8, 10.3 RED SPORT I-LINE

Interior Dimensions (litres)		
Headroom		
	Front seats (without sunroof / with sunroof)	1,021/1,003
	Rear seats (without sunroof / with sunroof)	953/935
Legroom		
	Front seats	1,130
	Rear seats	892
Shoulder room		

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	Front seats	1,440
	Rear seats	1,425
Hip room		
	Front seats	1,351
	Rear seats	1,334

Wheels and Tires	Q50 PURE	Q50 LUXE	Q50 SPORT TECH	Q50 RED SPORT I-LINE
17 x 7.5-inch aluminum-alloy wheels	S	-	-	-
18 x 7.5-inch aluminum-alloy wheels	-	S	-	-
19 x 8.5-inch split five-spoke sport-designed aluminum-alloy wheels	-	-	S	-
19 x 9-inch exclusive dark finish aluminum-alloy sport wheels	-	-	-	S
Bridgestone all-season run-flat 225/55R17	S	-	-	-
Bridgestone all-season run-flat 225/50R18	-	S	-	-
Dunlop all-season run-flat 245/40R19	-	-	S	S
Tire pressure monitoring system-Direct sensor type	S			
Easy fill tire alert	S			

Exterior Features and Options	Q50 PURE	Q50 LUXE	Q50 SPORT TECH	Q50 RED SPORT I-LINE
Signature LED headlights (LED low/high beam)	S			
Automatic on/off headlights	S			
LED tail lamps and center high-mounted stoplight (CHMSL)	S			
Power folding, auto dimming and power adjustable heated outside mirrors with integrated turn signals and reverse sync	-	S		
Body-colour outside mirrors	S			-
Black outside mirrors	-			S
Tinted glass power moonroof with one-touch auto open/close, auto revers and tilt feature	-	S		
Luxury-style front fascia	S		-	
Sport-style front fascia	-		S	

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Luxury-style rear fascia with body-colour exhaust surround and black diffuser	S	-
Sport-style rear fascia with black exhaust surround and body-colour diffuser	-	S
UV-reducing, noise-insulated windshield and windows	S	
Speed-sensing flat-blade variable intermittent front windshield wipers	S	
Front-door handle courtesy lights	S	
Dual chrome exhaust finishers	S	-
Unique dual exhaust tips with brushed satin finish	-	S
Red "S" rear badging	-	S
"I-LINE" fender badging	-	S

Interior Features and Options	Q50 PURE	Q50 LUXE	Q50 SPORT TECH	Q50 RED SPORT I-LINE
Leatherette-appointed seats	S	-	-	-
Leather-appointed seats	-	S	-	-
Quilted semi-aniline leather-appointed seats with red contrast stitching	-	-	S	-
<b>Driver's Seat</b>				
8-way power	-	S	-	-
2-way power lumbar	-	S	-	-
Heated	-	S	-	-
Dual occupant memory system for seat and outside mirrors	-	S	-	-
Entry/exit assist	-	S	-	-
<b>Front Passenger's Seat</b>				
8-way power	-	S	-	-
Heated	-	S	-	-
Manual thigh extension	-	-	S	-
<b>Rear Seats</b>				
60/40-split folding, bench seat	-	S	-	-
<b>Interior Accents</b>				
Leather-wrapped, heated steering wheel	-	S	-	-
Dual-zone Automatic Temperature Control system	S	-	-	-
Advanced Climate Control System with auto-	-	S	-	-

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recirculation, Plasmacluster™ technology, Grape Polyphenol filter				
Enhanced ambient lighting	-		S	
Lunar Black Lacquer trim on center console and doors	S	-	-	-
Textured aluminum trim on center console and doors	-	S	-	-
Black open-pore wood interior trim	-	-	S	-
Kacchu Aluminum trim on center console and doors	-	-	-	S
Exclusive dark chrome interior accents	-	-	-	S
Red contrast stitching on dashboard and shifter	-	-	-	S
Exclusive design steering wheel-mounted paddle shifters	-	-	-	S
Homelink® Universal Transceiver	-	S		
Two 12V power points	S			
Driver's seat power side bolsters	-	-	-	S

Audio and Infotainment	Q50 PURE	Q50 LUXE	Q50 SPORT TECH	Q50 RED SPORT I-LINE
INFINITI InTouch™ dual HD display system with LCD/VGA 8.0-inch upper and 7.0-inch lower touchscreens	S			
INFINITI InTouch™ Services telematics	S			
Siri® Eyes Free	S			
Wireless Apple CarPlay® integration	S			
Android Auto™ integration	S			
Bose® Performance Series Audio 16-speaker with Bose® Centerpoint® simulated surround	-	S		
HD Radio® Technology	S			
Streaming audio via Bluetooth®	S			
Voice Recognition	S			
SiriusXM® Radio (Subscription required, sold separately)	S			
Wi-Fi hotspot	S			
Two illuminated USB connection ports (one Type-A, one Type-C)	S			

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Navigation with detailed real time Premium Traffic info, 3D building graphics, & seamless turn-by-turn directions, SiriusXM® Travel Link and SiriusXM® Traffic	-	S
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Safety, Security and Driver-Assist Features	Q50 PURE	Q50 LUXE	Q50 SPORT TECH	Q50 RED SPORT I-LINE
INFINITI Advanced Air Bag System	S			
Driver and front passenger seat-mounted side-impact supplemental air bags	S			
Roof-mounted side-impact supplemental curtain air bags	S			
Three-point front seat belt with pretensioners and load limiters	S			
Forward Emergency Braking	S			
Predictive Forward Collision Warning	S			
Lower Anchors & Tethers for Children (LATCH)	S			
INFINITI Vehicle Immobilizer System	S			
Around View Monitor® with Moving Object Detection	-	S		
Blind Spot Warning	-	S		
Blind Spot Intervention	-			S
Front and rear sonar systems	-	S		
High Beam Assist	-	S		
Lane Departure Warning w/Haptic Steering Wheel	-	S		
Lane Departure Prevention system	-			S
Backup Collision Intervention	-	S		
High Beam Assist	-	S		
Vehicle Dynamic Control (VDC) with Traction Control System	S			

	Q50 PURE AWD	Q50 LUXE AWD	Q50 SPORT TECH AWD	Q50 RED SPORT I-LINE AWD
Front	1,002	1,018	1,024	1,039
Rear	740	766	773	784
Total	1,742	1,784	1,797	1,823

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Weight distribution (% FR/RR, with driver)	56/44	57/43	57/43	57/43
GVWR	4,980	5,159	5,159	5,159

EPA Est. Fuel Economy (L/100km)	Q50 PURE, LUXE, SPORT TECH AWD	Q50 RED SPORT I-LINE AWD
City	15.5	12.5
Highway	8.7	9.3
Combined	10.8	11.1
EPA Size Class	Mid-size car	