

INFINITI Q60 – Technical Specifications

Body and chassis

Two-door, four-seat premium sports coupe, with high-tensile steel unitary construction body shell. Choice of gasoline engines driving the rear or all four wheels via seven-speed automatic transmission.

Engines

2.0-liter DIG Turbo Gasoline

Construction	Aluminum block and cylinder head
Capacity	1,991 cc
Bore and stroke	83.0 x 92.0 mm
Cylinders	4, in-line
Valves	16 (four per cylinder)
Valve control	Hydraulic Continuously Variable Valve Timing (CWT)
Turbos	Single turbocharger
Compression ratio	9.8:1
Fuel system	Direct injection gasoline (DIG)
Max power	208 hp (211 ps / 155 kW) @ 5,500 rpm
Max torque	350 Nm (258 lb ft) @ 1,500-3,500 rpm

3.0-liter 'VR30 DDTT' twin-turbo V6 Gasoline – 300hp

Construction	Aluminum block with arc sprayed mirror coating to cylinder bores, aluminum cylinder head with integrated exhaust manifold, lightweight resin intake manifold and resin collector, twin-turbo, twin-charge coolers
Capacity	2,997 cc
Bore and stroke	86.0 x 86.0 mm
Cylinder angle	60deg
Cylinders	V6
Valves	24 (four per cylinder)
Valve control	Intake: Electronic Variable Valve Timing Control (MTC) Exhaust: Hydraulic Continuously Variable Valve Timing (CWT)
Turbos	2x turbochargers with electronic wastegate actuator
Turbo cooling	Twin water-to-air charge coolers; one water pump
Compression ratio	10.3:1
Fuel system	Multi-split direct injection gasoline (DIG)
Max power	300 hp (304 ps / 224 kW) @ 6,400 rpm
Max torque	400 Nm (295 lb ft) @ 1,600-5,200 rpm

INFINITI MOTOR COMPANY LTD.

28-30/F, Hopewell Centre
183 Queen's Road East
Wan Chai Hong Kong
www.infiniti.com

3.0-liter 'VR30 DDTT' twin-turbo V6 Gasoline – 400hp

Construction	Aluminum block with arc sprayed mirror coating to cylinder bores, aluminum cylinder head with integrated exhaust manifold, lightweight resin intake manifold and resin collector, twin-turbo, twin-charge coolers
Capacity	2,997 cc
Bore and stroke	86.0 x 86.0 mm
Cylinder angle	60deg
Cylinders	V6
Valves	24 (four per cylinder)
Valve control	Intake: Electronic Variable Valve Timing Control (VTC) Exhaust: Hydraulic Continuously Variable Valve Timing (CWT)
Turbos	2x turbochargers with electronic wastegate actuator and turbine speed sensor
Turbo cooling	Twin water-to-air charge coolers; two water pumps
Compression ratio	10.3:1
Fuel system	Multi-split direct injection gasoline (DIG)
Max power	400 hp (405 ps / 298 kW) @ 6,400 rpm
Max torque	475 Nm (350 lb ft) @ 1,600-5,200 rpm

Transmissions

Seven-speed automatic

Gear ratios

	2.0-liter (non-US)	3.0-liter (300 hp & 400hp*)
1	4.380	4.783
2	2.860	3.103
3	1.920	1.984
4	1.370	1.371
5	1.000	1.000
6	0.820	0.871
7	0.730	0.776
Reverse	3.416	3.859
Final Drive	3.133	2.937 (3.133*)

**Different final drive for 400hp 3.0-litre V6*

** And 2.0-liter in US only*

Suspension and damping

Front	Fully independent subframe-mounted double wishbone suspension, coil springs and gas-filled shock absorbers, with anti-roll stabilizer bar
Rear	Fully-independent subframe-mounted multi-link suspension, coil springs and gas-filled shock absorbers, with anti-roll stabilizer bar



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Steering

Standard

Type	Rack-and-pinion, electronically assisted power steering
Gearing	15.0:1 for 3.0t models; 16.7:1 for others
Turns	2.87 (lock to lock)
Turning circle, RWD	11.2 meters (36.7 feet), curb to curb
Turning circle, AWD	11.4 meters (37.4 feet), curb to curb

DAS

Type	Direct Adaptive Steering, steer-by-wire, variable ratio
Gearing, Standard	11.86:1 ~ 31.05:1
Gearing, Sports	11.86:1 ~ 29.38:1
Turns	2.02 (lock to lock)
Turning circle, RWD	11.2 meters (36.7 feet), curb to curb
Turning circle, AWD	11.4 meters (37.4 feet), curb to curb

Brakes (mm)

Front	320x28
Rear	308x16
Front (sports models)	355x32
Rear	350x20
Type	Ventilated disc brakes
Calliper pistons*	2 / 1 (front) 4 / 2 (rear)
Calliper material	Aluminum

Wheels and tires

Standard	Alloy 19-inch, 255/40 RF19 tires
Optional	Alloy 19-inch, 245/40 RF19 (front) 265/35 RF19 (rear) tires
Spare	Tire mobility kit / 18-inch T145/70 R18 aluminum spare tire*

**Red Sport 400 RWD only*

Dimensions (mm)

Exterior

Overall length	4,690	Overall width *	1,850 (2,052)
Overall height	1,395	Wheelbase	2,850
Front overhang	875	Rear overhang	965
Ground clearance	125		
Front track			
255/40 RF19	1,555	Rear track	1,580

*excl. door mirrors (incl. door mirrors)



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Interior

	1 st row	2 nd row
Head room*	963	876
Leg room	1,095	823
Shoulder room	1,387	1,321
Hip room	1,369	1,217

*without Moonroof

Capacities

Luggage (VDA) 342 liters (12.1 cu ft)
 Fuel tank 80 liters

Weights (kg)

Rear-wheel drive

	2.0t (base)	3.0t 300 (base)	3.0t 400 (Red Sport 400)
Curb weight	1,691	1,692	1,752
Gross weight	2,140	2,225	2,225

All-wheel drive

	2.0t (base)	3.0t 300 (base)	3.0t 400 (Red Sport 400)
Curb weight	1,750	1,768	1,825
Gross weight	2,220	2,305	2,305

Performance

	2.0t	3.0t 300	3.0t 400
Performance			
Top speed (mph)	146	149	155
0-62 mph (secs)	7.3 (2WD)	N/A	5.0 (AWD)

Fuel economy

	2.0t	3.0t 300	3.0t 400
Miles per gallon (mpg)			
<u>Rear-wheel drive</u>			
Combined	25	22	22
City	22	19	20
Highway	30	28	27

All-wheel drive

Combined	24	22	21
City	21	19	19
Highway	28	27	26

*liters per 100km will be available at a later date

