

NISSAN GT-R technical data

			GT-R MC
MODEL			
	Body type		2 door Coupe for EUROPE excluding Russia
	Available edition		Premium Edition and Black Edition
	Seating capacity	persons	4
ENGINE			
	Engine code		VR38DETT
	No. of cylinders, configuration		V6 twin turbo
	Valves per cylinder		4
	Cam design		DOHC continuously variable valve timing
	Engine capacity	cm³	3799
	Bore x stroke	mm	95.5x88.4
	Max. engine power 1)	kW/min-1	390kW(530ps) @ 6,400rpm
	Max. torque 1)	Nm/min-1	612 @ 3,200 to 6,000 rpm
	Compression ratio		9.0:1
	Fuel type		Unleaded Petrol (98 RON) - Optimum performance reached with RON above 98
	Ignition system		Nissan Direct Ignition System
	Fuel supply		Multi Point Injection
	Emissions Certification Level		Euro V
	Emission control system		3-way catalyst and secondary air injection system
DRIVE TRAIN			
	Drive configuration		Independent transaxle 4WD
	Transmission		GR6 dual clutch transmission
	Gear ratio 1st		4.0565
	2nd		2.0316
	3rd		1.5950
	4th		1.2486
	5th		1.0012
	6th		0.7964
	Reverse		3.3830
	Final drive ratio (front / rear)		2.9370 / 3.7000
	Limited slip differential		1.5Way Mechanical LSD
CHASSIS			
	Suspension front		Double-wishbone with aluminum (forged) upper links and lower arms
	Suspension rear		Multi-link with aluminum (forged) upper links
	Shock absorbers front		Bilstein adaptive DampTronic
	Shock absorbers rear		Bilstein adaptive DampTronic
	Steering		Electronically controlled rack & pinion with vehicle-speed-sensitive power assist
	Steering turns - lock to lock		2.4
	Brakes		Ventilated discs with opposed and cast aluminum caliper (6 pistons for front and 4 pistons for rear)
	Front brakes diameter and thickness	Φ	390 x t32.6
	Rear brakes diameter and thickness	Φ	380 x t30
	Wheel and tyre size		255/40 ZRF20 (front), 285/35 ZRF20 (rear) / 20"x9.5"(front), 20"x10.5"(rear)
WEIGHTS & DIMENSIONS			
	Kerb weight min. 2)	Kg	1740
	Weight distribution (front / rear)	%	53~54 / 47~46
	Gross Vehicle Weight (PTW)	Kg	2200
	Max. axle weight (PAW) front	Kg	1080
	Max. axle weight (PAW) rear	Kg	1165
	Overall length	mm	4670
	Overall width	mm	1895
	Overall height	mm	1370
	Wheelbase	mm	2780
	Track width (front)	mm	1590
	Track width (rear)	mm	1600
	Turning circle (wall to wall)	mm	12103
	Coefficient of drag (cd)		0.26
	Minimum ground clearance	mm	105
	Approach angle	degrees	9.8
	Departure angle	degrees	16.5
	Luggage space - min. length / max. length	mm	695 / 840
	- min. width / max. width	mm	795 / 1470
	- min. height / max. height	mm	430 / 520
	Luggage capacity (VDA)	l	315
	Fuel tank capacity	l	74
PERFORMANCE			
	Fuel consumption 3)		
	Urban cycle	l/100 km	17.3
	Extra-urban	l/100 km	8.9
	Combined	l/100 km	12
	CO2 mass emission	g/km	279
	Max. speed	KPH	315
	Acceleration 0 - 100 KPH	sec	3.046
	Acceleration 0 - 60 MPH	sec	n/a

1) In accordance with 1999/99/EC.

2) Figures in accordance with EC directive. Kerb weight condition is without driver and including coolant, oils, fuel, spare wheel and tools. Pay load will be reduced depending on the options and/or accessories installed.

3) In accordance with 1999/100/EC. (Optional equipment, maintenance, driving technique, road and weather conditions may affect the official results)