



## Nissan Nismo GT-R GT1



**Nissan** has put forward its challenger for the 2010 FIA GT1 World Championship with the new Nissan Nismo GT-R GT1. While this may look like a GT-R in race trim, Nissan have had to change the whole dna of the car to meet the new regulations. What you see here is a GT-R shell and little else of the ground breaking road car.

Replacing the twin-turbo 3.5 litre V6 is a 5.5 litre V8 which develops 600 bhp and 650 Nm of torque. Rear wheel drive replaces the awd running gear and a 6-speed sequential gearbox is now mounted in unit with the single diff. New regulations restrict changes to the basic unitary shell to try to keep development costs

in check, but the aero package gives no doubt to the intent of the car. The front suspension utilises McPherson struts and at the rear are double wishbones. Stopping the GT1 is naturally via carbon ceramic discs.

Nissan ran the car at four rounds of the 2009 season for testing and development purposes, which has not gone smoothly. Fielding the required four cars for 2010 Nissan will work with Sumo Power GT and Swiss Racing Team who will field two cars each to hopefully deliver a competitive car to take on the burgeoning field desirable exotic race cars.

**Rod Halligan**

### Nissan Nismo GT-R GT1

- VK56DE 90° V 8
- 5.552 liter / 338.8 cu in
- 600 bhp / 448 KW
- 650 Nm / 479 ft lbs
- 1250 kilo / 2755.8 lbs
- Rear-wheel drive





Nissan Nismo GT-R GT1		
Year	2010	
<b>ENGINE</b>		
Configuration	VK56DE 90° V 8	
Layout	Front Longitudinal	
Displacement	5.552 liter	338.8 cu in
Valvetrain	4 valves, DOHC	
Fuel delivery	Fuel Injection	
Induction	Naturally Aspirated	
Power	600 bhp / 448 KW	
Torque	650 Nm / 479 ft lbs	
BHP/Liter	108 bhp / liter	
Power to weight	0.48 bhp / kg	
<b>BODY</b>		
Standard unitary steel GT-R shell		
Weight	1250 kilo	2755.8 lbs
Length	4730 mm	186.2 in
Width	2040 mm	80.3 in
Wheelbase	2780 mm	109.4 in
Track Front	1670 mm	65.7 in
Track Rear	1710 mm	67.3 in
<b>DRIVE</b>		
Rear Wheel Drive		
Gearbox	6 speed Sequential	
Front suspension	double wishbones	
Rear suspension	Multi-link	
Brakes	ventilated carbon ceramic	

