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NISSAN GT-R NISMO

Pure. Undiluted. Awe-inducing. This is the ultimate Nissan GT-R.

With a staggering 441kW of fury combined with specially tuned suspension for unparalleled control, the Nissan GT-R NISMO allows you to tap into adrenalin at its source.

Outside, aggressive aerodynamic design adds a unique carbon fibre rear spoiler, carbon fibre bumpers, boot lid and side sills. The effect is menacing. Low slung and muscular, the body accents create a lower centre of gravity and ensure downforce is equally spread at all speeds.

The entire body sits poised on unique front and rear alloys. The black-finished 20" 6-spoke RAYS® are super lightweight and wear specifically developed Dunlop® tyres.





NISMO INTERIOR

Inside, the unwavering dedication to performance is just as focused. Your eyes will automatically go to the Alcantara®-wrapped steering wheel that commands centre stage. Grip the wheel and you'll develop an instant hunger for corners. Sculpted carbon-fibre-backed reclining Recaro® seats envelop you within the cockpit. While red accents contrast against a saturation of black, coaxing red-line performance. That performance is brought stunningly to life with a signature Nismo tachometer.



SPECIFICATIONS NISSAN GT-R NISMO

Engine
VR38DETT- 3.8 litre twin-turbocharged 24-valve V6
NISMO specific twin-turbo chargers
Max power (kW@rpm) - 441kW @ 6,800rpm
Max torque (Nm@rpm) - 652Nm @ 3,600- 5,600rpm
95.5 x 88.4mm cylinder bore x stroke
7,100 maximum Engine Speed (rpm)
6 cylinders
3.8L displacement (liters)
V6 engine layout/AWD
Maximum speed 315km/h
Dual overhead camshafts with variable intake-valve timing
Aluminium cylinder block with super low friction/high-endurance plasma coated bores
Aluminium pistons, precision matched to cylinder bores
Nissan Direct Ignition System (NDIS) with iridium-tipped spark plugs
Electronic drive-by-wire throttle
Lateral wet sump system with thermostatically controlled cooling and magnesium oil sump
Independent dual intake and low back pressure exhaust systems
Two dual 5" titanium exhaust outlets with mechanical valve system and exhaust sound control
Secondary air intake system to rapidly heat catalysts to peak cleaning efficiency
NISMO engine cover

Transmission
6-speed dual clutch transmission with three driver-selectable Modes; each transmission hand crafted in clean room environment: <ul style="list-style-type: none">- Normal - for everyday driving - R-Mode - for high performance driving or high speed driving - Save - for long distance high speed driving
R-Mode start function (with VDC/ESP switch in R-MODE)
Fully automatic shifting or full sequential manual control via steering column-mounted paddle shifters
SynchroRev Matching
Predictive pre-shift control (in R-Mode)
Gear Ratio 1st - 4.056
Gear Ratio 2nd - 2.301
Gear Ratio 3rd - 1.595
Gear Ratio 4th - 1.248
Gear Ratio 5th - 1.001
Gear Ratio 6th - 0.796
Gear Ratio Reverse - 3.383
Final Drive Ratio (1) - F: 2.937, R: 3.700

Drivetrain
ATTESA E-TS All-Wheel-Drive (AWD) with patented independent rear-mounted transaxle integrating transmission, differential and AWD transfer case
Torque distribution - traction/yaw-based; up to 100% rear; up to 50% front
Rigid, lightweight carbon composite propeller shaft between engine and transaxle
Traction Control System (TCS)
High-performance 1.5 way mechanical LSD
Differential oil (front/rear) - Differential oil R35 COMPETITION type 2189E
Advanced Vehicle Dynamic Control (VDC) with three driver-selectable settings: <ul style="list-style-type: none">- Normal - for daily driving; controls brakes and engine output - R-Mode - for ultimate performance; raises the threshold at which the system intervenes - Off - for emergency recovery in mud or snow

Physical Dimensions & Weights
Wheelbase - 2,780mm
Overall length - 4,690mm
Overall width - 1,895mm
Overall height - 1,370mm
Track width (front) - 1,600mm
Track width (rear) - 1,600mm
Base curb weight - 1,739kg
Weight distribution - 54/46

Fuel
Recommended fuel type - 98 RON premium unleaded fuel
Fuel tank capacity (litres) - 74
Fuel consumption l/100km (combined ADR 81/02) ^a - 11.7
CO ₂ mass emission (g/km) ^a - 278

Suspension and Steering
Front suspension - Double-wishbone with aluminium arms
Rear suspension - Multi-link with aluminium upper arms
Rigid, tubular front and rear suspension subframes, assembled in high precision jigs
Bilstein(R) DampTronic system with three driver-selectable modes to control dampening force: <ul style="list-style-type: none">- Normal - for everyday driving - R-mode - for high speed and high performance driving - Comfort - for more comfortable driving
Left and right asymmetry suspension setting
NISMO tuned suspension on front and rear (spring, damper, stablisers and upper links)

Aerodynamics
Coefficient of drag - 0.26
Underbody covering: <ul style="list-style-type: none">- Impact-resistant polypropylene front undercover - Molded heat-resistant undercover behind front axle - Polycarbonate rear underbody panel ahead of rear-mounted transaxle
NISMO carbon fibre front & rear bumper, side sills, and super high rear spoiler
Wider front fenders & front protector

Wheels and Tyres
Dunlop SP SPORT MAXX GT 600 DSST CTT run-flat summer tyres, nitrogen filled, exclusively developed for GT-R - Front tyres - 255/40ZRF20 97Y NR1 Rear tyres - 285/35ZRF20 100Y NR1
Black finished 20" 6-spoke RAYS NISMO aluminium lightweight wheel <ul style="list-style-type: none">- Front wheels - 20 x 10.0" Rear wheels - 20 x 10.5"

Brakes
Nissan Brembo® 4-wheel disc brakes - 390mm front and 380mm rear
Front and rear two-piece floating rotors with diamond-pattern internal ventilation
Additional front & rear brake air ducts
Super-rigid 6-piston front/4-piston rear monobloc calipers with front 3-point radial and rear 2-point radial mounting
Active power break booster

Body Construction
Premium Midship (PM) Package with multi material body construction assembled using high-precision, ultra-low-tolerance jigs
Aluminium bonnet and outer door skins
Carbon fibre boot lid
Die-cast aluminium front shock towers and door structures
Carbon-composite front crossmember/radiator support

Unibody frame construction
NISMO bonded body construction
NISMO tuned rear stabilizer bar

Styling/Functionality
Automatic on/off super wide beam headlights with LED low beams with manual height adjustment
LED daytime running lights, headlights, taillights and brake lights
NISMO styled outside door mirrors
Dual heated outside mirrors, with power fold
Adaptive Front Lighting System (AFS)
Flush-mounted aluminium-finish door handles
UV-reducing solar glass (windshield, rear window and front doors)
NISMO tachometer
NISMO IT system

Audio/Multi-Function Display
8" touchscreen Multi-Function Display system with satellite navigation
Driver-configurable Multi-Function Display system, with graphical readouts of vehicle and driving data displayed on customisable screens
Rear view camera with predictive path technology
Commander multi dial rotary control for audio, communication, and navigation
Audio system with AM/FM radio, CD, iPod [†] , aux and 2 x USB ports
BOSE® audio system with 11 speakers, including dual subwoofers in a die-cast aluminium enclosure
BOSE® Active Noise Cancellation(ANC)/Active Sound Control(ASC)
Steering wheel-mounted audio controls
Speed sensitive volume

Convenience
Intelligent Key keyless entry with push button ignition
Electronic analog instrument cluster with multi-function trip computer and digital gear indicator
Bluetooth® handsfree phone system and audio streaming
Dual zone climate control air-conditioning with microfilter
Power front windows with one-touch auto-up/down
Cruise control with steering wheel mounted controls
Tilt and telescopic steering column
Speed sensitive flat-blade windscreen wipers
Dual illuminated visor vanity mirrors
12-volt DC power outlets (2)
Front centre console with armrest, storage and dual cup holders
Rear centre console with cup holder
Map lights

Safety
Nissan Advanced Airbag System (AABS) with dual-stage front driver and passenger airbags, driver side seatbelt sensor and occupant-classification sensor
Front seatbelts with pretensioners and load limiters
3-point Emergency Locking Retractor (ELR) seatbelt system
Child restraint anchorage (2)
Zone Body construction with front and rear crumple zones
4-wheel Anti-lock Braking System (ABS)

Electronic Brakeforce Distribution (EBD)
Nissan Anti-Theft System vehicle immobiliser (NATS)
Traction Control system (TCS)
Tyre Pressure Monitoring System (TPMS)
Brake Assist (BA)
Hill Start Assist (HSA)

Seating and Appointments
Carbon fibre' finished centre cluster
Aluminium-trimmed pedals
NISMO driver and passenger seat with manual slide, 2-way power reclining and entry/exit lever for rear passengers
Black dual individual rear seats
NISMO carbon fibre backed RECARO® black and red Alcantara® leather accented front seats [‡]
NISMO Alcantara® and leather steering wheel with red centre line and Alcantara® upper dashboard
Leather accented [‡] lower dashboard, console, door, door grips and gear shift knob with red stitching

Exterior Colours
Super Silver (KAB)**
Vibrant Red (A54)
Jet Black (GAG)*
Ivory Pearl (QAB)*
Matte Dark Grey (KBL)***

[†]iPod is a registered trademark of Apple Inc.

^aFigures tested in accordance with ADR81/02 (combined test). Figures stated for the purposes of comparison amongst vehicles only. Actual fuel consumption and CO2 emissions depend on factors such as traffic conditions, vehicle condition, how you drive and any accessories fitted.

[‡]Carbon-fibre requires specific maintenance. Please see your Owner's Manual for details.

^{*}Indicates a prestige paint, which is available at extra cost.

^{**}Indicates a premium paint, which is available at extra cost.

^{***}Indicates an ultra premium paint, which is available at extra cost. This paint requires special care and maintenance. Please contact your Nissan High Performance Centre for more information on how to correctly care for and maintain this paint.

[†]Leather accented features and upholstery may contain synthetic material.



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