



Innovation
that excites

NISSAN GT-R

	GT-R Premium/Premium Luxury Trim	GT-R Track Edition Engineered by NISMO
Engine		
VR38DETT- 3.8 litre twin-turbocharged 24-valve V6		•
Max power (kW@rpm)	419kW @ 6,800rpm	
Max torque (Nm@rpm)	632Nm @ 3,300-5,800rpm	
Cylinder bore x stroke	95.5 x 88.4mm	
Maximum Engine Speed (rpm)	7,100	
Number of cylinders	6	
Displacement (liters)	3.8	
Engine layout/Drive	V6 / AWD	
Maximum speed (km/h)	315	
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		•
Transmission		
6-speed dual clutch transmission with three driver-selectable Modes; each transmission hand crafted in clean room environment:		•
- 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:		•
- 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		



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Physical Dimensions & Weights		
Wheelbase (mm)	2,780	
Overall length (mm)	4,710	
Overall width (mm)	1,895	
Overall height (mm)	1,370	
Track width (front mm)	1,590	1,600
Track width (rear mm)	1,600	
Base curb weight (Kg)	1,765	1,760
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) ^Δ	11.7	
CO ₂ mass emission (g/km) ^Δ	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: - 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		•
Aerodynamics		
Coefficient of drag	0.26	
Underbody covering: - Impact-resistant polypropylene front undercover - Molded heat-resistant undercover behind front axle - Polycarbonate rear underbody panel ahead of rear-mounted transaxle	•	
Body-coloured rear spoiler with integrated centre high-mounted LED stop light	•	
Dry carbon rear spoiler with integrated center high mounted LED stop light		•
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 Rear tyres - 285/35ZRF20 100Y	
20" Y-spoke RAYS aluminium wheels with knurled bead area, designed to maximise tyre adhesion to wheel under extreme acceleration	Front wheels - 20 x 9.5" Rear wheels - 20 x 10.5"	
Black finished 20" 6-spoke RAYS MY17 NISMO aluminium lightweight wheel		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	•	
Super-rigid 6-piston front/4-piston rear monobloc calipers with front 3-point radial and rear 2-point radial mounting	•	
Active power brake booster	•	



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Body Construction		
Premium Midship (PM) Package with multi material body construction assembled using high-precision, ultra-low-tolerance jigs	•	
Aluminium bonnet, boot lid and outer door skins	•	
Die-cast aluminium front shock towers and door structures	•	
Carbon-composite front crossmember/radiator support	•	
Unibody frame construction	•	
NISMO bonded body construction		•
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	•	
Dual heated body-coloured power outside mirrors, with power fold-in	•	
Adaptive Front Lighting System (AFS)	•	
Flush-mounted aluminium-finish door handles	•	
UV-reducing solar glass (windshield, rear window and front doors)	•	
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 ⁱ , 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	•	



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Safety		
Nissan Advanced Airbag System (AABS) with dual-stage front driver and passenger airbags, driver side seatbelt sensor and occupant-classification sensor		•
Driver and front passenger side-impact airbags and roof-mounted curtain side-impact airbags		•
Front seatbelts with pretensioners and load limiters		•
3-point Emergency Locking Retractor (ELR) seatbelt system		•
Child restraint anchorage		•
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 ^v finished centre cluster		•
Aluminium-trimmed pedals		•
Heated front seats		•
8-way power driver seat and 4-way front passenger seat with entry/ exit lever for rear passenger		•
Black dual individual rear seats	GT-R Premium	•
Black leather accented front seats [#]	GT-R Premium	
Black leather accented steering wheel and gearshift knob [#]	GT-R Premium	
Black trimmed premium dashboard, console and doors	GT-R Premium	
Leather [#] accented trim options in your choice of amber red, ivory, tan or samurai black - Hand stitched semi-aniline leather bolstered front seats - Semi-aniline leather steering wheel and gearshift knob - Nappa leather Luxury finish dashboard, console and doors - Individual rear seats	GT-R Premium Luxury Trim Option	
RECARO® black and red leather accented front seats [#]		•
Genuine black leather steering wheel and gear shift knob with red stitching		•
Leather accented [#] dashboard, console, door and door grips with red stitching		•
Exterior Colours		
GT Blue (RAY)*		•
Super Silver (KAB)**		•
Blaze Metallic (EBG)*		•
Vibrant Red (A54)		•
Jet Black (GAG)*		•
Ivory Pearl (QAB)*		•
Gun Metallic (KAD)*		•



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†iPod is a registered trademark of Apple Inc.

⁴Figures 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.

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

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

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

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



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