SPECIFICATION BY GRADE

GT-R

	GT-R	GT-R Track Pack
POWER TRAIN/MECHANICAL		
3.8 litre twin turbocharged V6	●	●
Dual overhead camshafts with variable intake-valve timing	●	●
Cast aluminium cylinder block with super-low-friction high-endurance plasma-sprayed bores	●	●
Aluminium pistons	●	●
Nissan Direct Ignition system with iridium-tipped spark plugs	●	●
Electronic drive-by-wire throttle	●	●
Pressurised lubrication system with thermostatically controlled cooling and magnesium oil sump pan	●	●
Fully symmetrical dual intake and low-back pressure exhaust systems	●	●
Secondary air intake system to rapidly heat catalysts to peak efficiency	●	●
Red engine cover	●	●
GR6 6-speed Dual Clutch Transmission with three driver-selectable modes	●	●
Fully automatic shifting or sequential manual control via steering wheel-mounted paddle shifters	●	●
Downshift Rev Matching (DRM)	●	●
Predictive pre-shift control (in R-mode) preselects the next gear change based on throttle position, vehicle speed, braking input and other information	●	●
R-START mode - for optimum standing start performance	●	●
ATTESA ET-S 4WD system with patented independent rear-mounted transaxle integrating transmission, differential and 4WD transfer case	●	●
Torque distribution - traction/yaw based, up to 100% rear, up to 50% front	●	●
Rigid, lightweight carbon composite driveshaft between engine and transaxle	●	●
Electronic traction control	●	●
High performance 1.5-way mechanical limited slip differential	●	●
Advanced Electronic Stability Program (ESP) with three driver-selectable settings	●	●
Hill Start Assist - prevents roll back when starting on an incline	●	●
Brembo two piece floating disc brakes front and rear with diamond-pattern internal ventilation	●	●
Reinforced cooling brakes system to decrease temperatures up to 100 degrees Celsius	-	●
Super rigid 6-piston front/4-piston rear monoblock callipers with 3-point mounting	●	●
ABS, EBD and Nissan Brake Assist	●	●
Asymmetric suspension setup (RHD only)	●	●

Double wishbone front suspension with aluminium components	●	●
Independent multi-link rear suspension with aluminium components	●	●
Rigid aluminium front and rear suspension subframes, assembled in high precision jigs, with 4-point mounting to body	●	●
Bilstein DampTronic shock absorbers with three driver-selectable modes	●	●
Exclusively developed sport suspension, adjustable	-	●
Hollow front and rear anti-roll bars with tubular torsion-free design to help maintain maximum tyre contact during extreme cornering	●	●
Electronically controlled rack and pinion steering with vehicle speed sensitive power assist	●	●
2.4 steering wheel turns lock-to-lock	●	●
BODY/EXTERIOR		
Dunlop SP Sport Maxx 600 DSST CTT run-flat tyres filled with nitrogen	●	●
20" RAYS 10-spoke forged lightweight alloy wheels with ridged bead area and Hyper Blue Black Chrome finish	●	-
20" RAYS 6-spoke forged ultra lightweight alloy wheels and Black quartz chrome colour finish	-	●
Tyre pressure monitoring system	●	●
Aluminium bonnet, boot lid and door skins	●	●
Die-cast aluminium front suspension turrets and door structures	●	●
Die-cast aluminium rear seat back support	●	●
Integrated X pattern roof inner	●	●
Carbon composite front crossmember/radiator support	●	●
Carbon with aluminium honeycomb strut support bar	●	●
Advanced 6-stage paint process with full double clearcoat and chip-resistant paint in critical area	●	●
Full underbody covering	●	●
Body colour rear spoiler with integrated high mounted stop light	●	●
Knife-edge front bumper, designed for optimised air management	●	●
Rear bumper side air duct	●	●
Optimised air flow through undercarriage and wheelarches to help cool engine, drivetrain and brakes	●	●
Air intake in front spoiler for reinforced brake cooling system	-	●
Wide-beam Xenon headlamps with headlamp washer and auto leveller	●	●
Automatic headlamps	●	●
LED taillights, brake lights, rear fog light and daytime running lights	●	●
Electric, folding and heated rear view exterior mirrors	●	●
Flush mounted aluminium door handles	●	●
UV-reducing solar glass	●	●
INTERIOR		
PREMIUM - leather front sports seats with perforated pearl suede inserts	□	-
RECARO – black leather seats with red flashes on side bolsters, inner door grip and shift knob, with black headlining	□	-

TRACK PACK – leather seats made of high grip material with blue flashes on side bolsters, black headlining	-	●
Heated front seats	●	●
Two seat cabin	-	●
8 way power driver seat (slide, recline, cushion lifter and thigh support)	●	●
4 way power passenger seat (slide and recline) with entry/exit switch for rear passengers	●	-
Dual individual rear seats	●	-
Leather-wrapped steering wheel and gearshift	●	●
Carbon fibre-trimmed audio and air conditioning console	●	●
Aluminium mood door grip finisher, A/C grille, cluster finisher, centre console finisher	●	●
Transmission set up: R mode (0.2 sec shift), Normal mode (0.5 sec shift)	●	●
Electronic suspension set up: R mode, Normal mode and Comfort mode	●	●
ESP set up: R mode, Normal mode, OFF mode	●	●
AUDIO/NAVIGATION SYSTEM		
HDD Music Box system including 30GB hard drive with 9.4GB for audio storage	●	●
Digital Bose audio system with 11 speakers, AM/FM/CD, RDS, MP3/WMA/ACC CD playback and MP4/DivX DVD playback	●	●
USB port for iPod connectivity, MP4 playback and image viewer via memory stick	●	●
Bluetooth audio streaming capability for A2DP and AVRCP	●	●
Steering wheel mounted audio controls	●	●
HDD-based GPS Nissan navigation system with voice recognition	●	●
Multi-function meter	●	●
Rear view monitor	●	●
Monitor also provides displays and interface for programmable vehicle settings, vehicle information and audio and navigation systems	●	●
COMFORT AND CONVENIENCE		
Intelligent Key and Engine Stop/Start button	●	●
Electronic analogue instrument cluster with multi-function trip computer and digital gear indicator	●	●
Bluetooth hands-free phone system	●	●
Dual zone automatic climate control A/C	●	●
Power front windows with one-touch driver-side auto up/down	●	●
Remote keyless entry with trunk release	●	●
3-flash indicators	●	●
Cruise control with steering wheel-mounted controls	●	●
Tilt and telescopic steering wheel adjustment	●	●
Rain-sensing flat blade windscreen wipers	●	●
Dual sun visors with illuminated vanity mirror	●	●
12V power sockets x2	●	●

Front centre console with armrest, storage and dual cupholders	●	●
Rear cupholder	●	●
Map reading lamps	●	●
Leather pull strap in boot lid	●	●
SAFETY AND SECURITY		
Nissan advanced airbag system with dual-stage driver and passenger front airbags	●	●
Driver and front-passenger side-impact airbags and roof-mounted curtain airbags	●	-
Driver and front-passenger side-impact airbags	-	●
Front seatbelts with pretensioners and load limiters	●	●
3-point ALR/ELR passenger seatbelt system (ELR for driver)	●	●
Body construction with front and rear crumple zones including pedestrian safety pop-up bonnet	●	●
Bonnet-buckling creases, pipe-style steel side-door guard beams and energy absorbing steering column	●	●
ATTESA ET-S 4WD with Electronic Traction Control	●	●
Electronic Stability Program (ESP)	●	●
Tyre Pressure Monitoring System (TPMS)	●	●
Nissan vehicle immobiliser system	●	●
Thatcham-approved anti-theft system	●	●

● Standard □ Optional - Not available

TECHNICAL SPECIFICATIONS

GT-R		
MODEL		Nissan CBA-R35
Body type		2 door Coupe
Seating capacity	persons	4 (2 for Track Pack)
ENGINE		
Engine code		VR38DETT
No of cylinders, configuration		V6 twin turbo
Valves per cylinder		4
Cam design		DOHC continuously variable valve timing
Engine capacity	cm^3	3799
Bore x stroke	mm	95.5 x 88.4
Max. engine power [1)]	PS(kW) rpm	550 (404) @ 6,400
Max. torque [1)]	Nm/rpm	632 @ 3,200 – 5,800
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
DRIVETRAIN		
Drive configuration		Independent transaxle 4WD
Transmission		GR6 dual clutch transmission
Gear ratio	1st	4.056
	2nd	2.032
	3rd	1.595
	4th	1.248
	5th	1.001
	6th	0.796
	Reverse	3.383
Final drive ratio (front / rear)		2.937 / 3.700
Limited Slip Differential		1.5 Way mechanical LSD
CHASSIS		
Suspension front		Double-wishbone with forged aluminium upper links and lower arms; Bilstein adaptive DampTronic shock absorbers
Suspension rear		Multi-link with forged aluminium upper links; Bilstein adaptive DampTronic shock absorbers
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 aluminium calliper (6 pistons for front and 4 pistons for rear)
Front brakes diameter & thickness		390 x t32.6
Rear brakes diameter & thickness		380 x t30
Wheel and tyre size / Dunlop SP Sport Maxx GT 600 DSST CTT		255/40 ZRF20 (front) 285/35 ZRF 20 (rear) / 20" x 9.5" (front) 20" x 10.5" (rear)
GT-R		
WEIGHTS AND DIMENSIONS		
Kerb weight min./max. [2)]	kg	1740
Weight distribution (front / rear)	%	53 -54 / 47-46
Gross Vehicle Weight	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/kerb to kerb)		mm	12.1 / 11.4
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	mpg	16.6
	Extra-urban	mpg	32.0
	Combined	mpg	24.0
	CO_2 mass emission	g/km	275
Max. speed		mph	196
Acceleration 0-60 mph		sec	2.7
Acceleration 0-62 mph		sec	2.84

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 r

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