



2023 Nissan GT-R Premium Specifications

Specifications are based on latest product information available at the time of printing

S - Standard **O** - Option

Mechanical

Engine	
Designation	VR38DETT
Cam configuration	DOHC
Orientation	Longitudinal
Cylinders / configuration	V6
Block / head composition	Aluminum/Aluminum
Displacement (liters)	3.8
Horsepower	565 @ 6,800 RPM
Torque lb-ft	467 lb-ft @ 3,300 - 5,800 RPM
Bore & stroke (mm)	95.5 x 88.4 (Plasma-sprayed bore)
Compression ratio (:1)	9.0
Maximum engine speed	7,100 RPM
Fuel delivery system	Sequential multi-point electronic fuel injection
Valvetrain	4 valves per cylinder, CVTCS
Turbocharger	Twin IHI system
Engine mounts	2 liquid-filled, front; 1 solid, rear
Recommended fuel	Premium unleaded, 93 octane
Emission certification level	LEV2/ULEV (CARB)
Dual exhaust system, 4-outlets (2 each side)	S
Titanium exhaust with Exhaust Sound Control	S

Electrical	
Ignition system	Electronic, Nissan Direct Ignition System
Starter	12V
Alternator	150 Amp.
Battery	12V - 65B24(S)-HR/52 Ah

Transmission and Drive System	
Drive configuration	Mid-mounted front engine / rear transaxle ATTESA E-TS all-wheel drive
Transmission	Dual-clutch sequential 6-speed rear transaxle, magnesium paddle shifters, gear pre-selection
Gear ratio (:1)	
1 st	4.056
2 nd	2.301
3 rd	1.595
4 th	1.248
5 th	1.001
6 th	0.796
Reverse	3.383
Final drive ratio (:1)	Front: 2.937, Rear: 3.700
Driveshafts	Carbon composite
Manual/Automatic modes	S
Configurable Shift Control	S
Downshift Rev Matching	S
1.5-way mechanical limited slip differential	S
Traction control system with limited slip	S
Vehicle Dynamic Control	S
Save-mode function	S
Hill Start Assist	S
Yaw Rate Feedback Control	S

Brakes	
Front	Brembo® six piston monoblock calipers, full-floating 15.35 x 1.28 inch vented and drilled rotors
Rear	Brembo® four piston monoblock calipers, full-floating 15.0 x 1.18 inch vented and drilled rotors
Brake control	Power-assisted (vacuum)
Anti-lock Brake System	S
Number of wheels	4
Number of channels	4
Number of sensors	4
Electronic Brake Force Distribution	S
Brake Assist	S
Parking brake	Hand-operated in center console

Steering	
Type	Vehicle speed-sensitive power rack-and-pinion, aluminum steering rack, four-point mounting, with stiff insulators
Overall ratio	15:1
Turns (lock to lock)	2.4
Turning diameter (feet)	36.6
Steering wheel	3-spoke leather-wrapped with manual tilt and telescoping, lap timer switch
Steering wheel cruise control, audio and Bluetooth® switches	S

Suspension	
Front	Independent double wishbone aluminum, integral tube-frame structure, six-point mounting
Rear	Independent multi-link aluminum suspension, integral tube-frame structure, six-point mounting, aluminum upper/lower links (spherical bearing design)
Large-diameter hollow front stabilizer bar	S
Large-diameter hollow rear stabilizer bar	S
Bilstein® DampTronic mono-tube shock absorbers, computer controlled, 3-position driver adjustable	S
Progressive rate (non-linear) springs	S
High-accuracy alignment, fully adjustable	S

Body / Chassis	
Type	Unibody
Materials (primary)	Steel, carbon fiber, die-cast aluminum
Hood/trunk lid/doors	Aluminum
Roof panel	Steel
Platform	Premium-Midship (PM)

Exterior

Wheels and Tires	
20 x 9.5 inch front / 20 x 10.5 inch rear wheels	S
20-spoke RAYS® aluminum-alloy forged, premium dark finish wheels	S
Dunlop® Sports Maxx GT600 ultra-high-performance run-flat tires	S
Front tires	255/40ZRF20
Rear tires	285/35ZRF20
Tire Pressure Monitoring System, pressure and position shown on multi-function meter	S

Lights		
Headlights	4-bulb LED with AFS	S

Integrated LED running lights	S
Auto on/off	S
Taillights	"GT-R" 4-ring LED
Spoiler-mounted LED center high-mount stop lamp	S

Additional Exterior Features	
Functional rear underbody diffuser	Carbon fiber
Rear spoiler	S
Front "aero-blade" fenders with vents	S
Aerodynamic front underbody cover	S
Integrated, flush-mounted aluminum door handles	S
UV-filtering front and rear side glass, laminated UV-reducing windshield	S
Folding side mirrors, power/power folding, heated, body color with black lower portion	S
Revised front and rear fascias	S
Body-color bumpers	S
Dark Gray grille	S
Aerodynamic flat-blade windshield wipers, variable intermittent, speed-sensitive	S
Anti-chip paint process	S

Interior

Seating	
Capacity	4 passengers
Front seat type	Bucket, sport style, with accommodation for 4-point safety harness
Leather/synthetic suede front seat appointments	S
Hand-stitched premium interior	O
Heated front seats	S
Driver's seat	8-way power
Front passenger's seat	4-way power

Audio and Navigation	
Bose® audio system with 11 speakers (9 speakers with 2 subwoofers in rear center armrest area) mounted in aluminum die-cast panels, AM/FM/CD with MP3/WMA playback	S
Bose® Active Noise Cancelation	S
Vehicle speed-sensitive auto volume control	S
DVD video playback	S
SiriusXM® Radio (3-month SiriusXM® trial provided; additional subscription sold separately)	S
NissanConnect® with 8-inch color display with multi-touch control, voice recognition for navigation and audio, HD Radio,	S

SiriusXM® Travel Link™ (3-month SiriusXM® trial provided; additional subscription sold separately)	
Nissan Navigation System	S
Apple CarPlay® integration	S
NissanConnect Services Powered by SiriusXM® (trial subscription provided; additional subscription sold separately)	S
Bluetooth® hands-free phone system	S
Streaming audio via Bluetooth®	S
Hands-free Text Messaging Assistant	S
USB iPod® interface	S
Steering-wheel audio controls with illumination	S

Instrumentation

Meters/gauges	
Speedometer	S
Tachometer	S
Coolant temperature	S
Fuel level	S
LCD dual trip odometer	S
Multi-Function Display system, multiple pages of information with playback feature	S
Turbo boost	S
Water and engine oil pressure	S
Transmission oil temperature	S
Front to rear drive distribution	S
Steering position	S
Brake and accelerator position	S
Gearshift mapping for optimal economy	S

Convenience Features

RearView Monitor	S
Cruise control	S
Power windows – driver and passenger one-touch up/down	S
Power door locks	S
Remote keyless entry system	S
Intelligent Key system	S
Cupholders	3
12-volt outlets	2
Passenger assist grip	S
Sunvisors with vanity mirrors and lamps	S
Front seat knee pads	S
Auto-dimming inside rearview mirror	S
HomeLink® Universal Transceiver	S
Map light, doorstep lamp	S
Center console storage area	S
Automatic climate control, dual zone	S

3-position setup switches for suspension, transmission and VDC	S
Console-mounted push-button start	S
Aluminum interior trim	S
Soft padding on instrument panel and doors	S
Carbon fiber interior trim	S
Front and rear parking sensors	S
Active Sound Enhancement	S

Safety and Security

Passenger Restraint System	
Advanced Air Bag System	Driver and front passenger air bags with dual-stage inflation, seat belt sensors and occupant classification sensor
Driver and front passenger seat-mounted side-impact supplemental air bags and roof-mounted curtain side-impact supplemental air bags for front seat occupant head protection	S
Seat belts, front and rear	3-point (ALR/ELR for passengers, ELR for driver)
Front seatbelts with pre-tensioners and load limiters	S
Power window lockout button	S
Rear seat top tether anchors	S

Impact Safety	
Zone Body Construction with front and rear crumple zones Energy-absorbing steering column Hood buckling creases Knee bolsters High-strength side door guard beams	S

Security	
Tamper proof door lock key cylinder Vehicle Security System (VSS) Immobilizer	S

Dimensions

Exterior (inches)	
Wheelbase	109.4
Overall length	185.4
Overall width	74.6
Overall height	53.9
Track width (Front/Rear)	62.6/63.0
Coefficient of drag (Cd)	0.26

Interior (inches)		Front	Rear
Head room		38.1	33.5

Leg room	44.6	26.4
Hip room	54.7	44.9
Shoulder room	54.3	50.0

Weights

Curb weight (pounds)	Front	2,152
	Rear	1,783
	Total	3,935
Weight distribution (%) Front/rear		55/45
GVWR (pounds)		4,727

Capacities

Fuel tank (gallons)	19.5
Engine oil (quarts)	6.5
Engine coolant with reservoir (quarts)	11.9

Volume (cubic feet)

Passenger compartment	79.0
Cargo	8.8
Total	87.8

EPA Fuel Economy (mpg)

(Actual mileage may vary)

City	16
Highway	22
Combined	18

Options

Premium Interior Package: Hand-stitched semi-aniline leather-appointed interior	0
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