

For Immediate Release

2020 Nissan 370Z NISMO Specifications

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

Mechanical

Engine	
Name	VQ37VHR
Cam design	DOHC
Orientation	Longitudinal
Cylinders / configuration	V6
Block / head composition	Aluminum/aluminum
Displacement (liters)	3.7
Horsepower	350 @ 7,400 RPM
Torque (lb-ft)	276 @ 5,200 RPM
Bore & stroke (mm)	95.5 x 86.0
Compression ratio	11:1
Maximum engine speed	7,500 rpm
Induction system	Sequential multi-port electronic fuel injection
Valvetrain	4 valves per cylinder; Continuously Variable Valve Event and Lift Control System (VVEL)
Engine mounts	Front: 2 electronically controlled liquid-filled; Rear: 1 liquid-filled
Oil cooler	S
Recommended fuel	Premium unleaded
Emissions system	Closed loop feedback system w/ 3-way catalyst
Emissions certification level	50 state: LEV2-ULEV (Cal), Tier2 (B5)(Fed)
Exhaust	NISMO-tuned dual exhaust with H-pipe configuration and polished tips
Engine cover	Red

Electrical	
Ignition system	Electronic, Nissan Direct Ignition System (NDIS)
Starter	1.6kW reduction
Alternator	150 Amp.
Battery	62Ah@20h capacity

Transmission and Drive System		
Drive configuration	Mid-mounted front-engine / rear-wheel drive	
Transmission type	6-speed manual	S
	7-speed auto w/ manual mode and paddle shifters	O
Gear ratio	<u>M/T</u>	<u>A/T</u>
1 st	3.794	4.923
2 nd	2.324	3.193
3 rd	1.624	2.042
4 th	1.271	1.411
5 th	1.000	1.000
6 th	0.794	0.862
7 th	-	0.771
Reverse	3.446	3.972
Final drive ratio	3.916	3.692
Drive shaft	Carbon Fiber Composite	
SynchroRev Match® (SRM)	S (6MT)	
Viscous Limited-Slip Differential (VLSD)	S	

Brakes	
Front vented disc	S
Rotor size diameter and thickness - (in.) 14.0 x 1.3	
Rear vented disc	S
Rotor size diameter and thickness - (in.) 13.8 x 0.8	
Caliper type / material	Fixed 4-piston front, 2-piston rear / aluminum, red finish
Red caliper color	S
Brake control	Power-assisted (vacuum)
Anti-lock Braking System (ABS)	S
Number of wheels/channels/sensors	4/4/4
Brake Assist (BA)	S
Electronic Brake force Distribution (EBD)	S
High-rigidity brake hoses, R35 Special II fluid	S

Steering	
Type	Power rack-and-pinion
Vehicle-speed variable-assist	S
Fixed ratio	13.5:1
Turns (lock-to-lock)	2.7
Turning diameter (ft.) (curb-to-curb)	34.1
Steering wheel	3-spoke, Alcantara® leather-appointed NISMO design w/manual tilt
Steering wheel controls	Cruise control; audio

Suspension	
Front Subframe construction Stabilizer bar Shock absorbers Springs Shock tower brace	Double-wishbone aluminum suspension High vacuum diecast aluminum alloy NISMO-tuned NISMO-tuned (silver) NISMO-tuned (red) NISMO
Rear Subframe construction Stabilizer bar Shock absorbers Springs	Independent multi-link aluminum suspension Steel S NISMO-tuned (silver) NISMO-tuned (red)

Exterior

Body / Chassis	
Type	Unibody
Materials (primary)	Corrosion-resistant high-strength steel
NISMO aerodynamic body design with unique front and rear fascias, side sill extensions, rear spoiler, rear diffuser	S
Hood, doors, rear hatch	Aluminum
Vibration dampers (2)	S (front and rear)

Wheels & Tires	
Wheels	
RAYS super lightweight forged alloy, NISMO branded F: 19x9.5 inches R: 19x10.5 inches	S
Tires	
Dunlop SP Sport MAXX GT600	S
F: P245/40R19, R: P285/35R19, Y-rated	S
Spare wheel/tire Steel, T145/70R18	S

Lights	
Headlights Bi-functional xenon HID	S
Hyper LED Daytime Running Lights	S
Taillights LED	S

Interior

Seating		
Capacity		2 passengers
Seat Materials	Recaro® leather-appointed seats with Alcantara® accents, NISMO logo, red stitching	S
Seat Type	Sport bucket	S
Driver's Seat	8-way manual	S
Passenger Seat	4-way manual	S

Audio/Nav		
Bose® in-dash AM/FM/CD w/ 6 speakers, two subwoofers and USB/iPod® interface		S
Steering-wheel audio controls with illumination		S
Auxiliary audio input jack		S
SiriusXM® Satellite Radio (SiriusXM® subscription required, sold separately)		S
Hard Drive navigation system with 7.0-inch VGA touch-sensitive display, NavTraffic®, NavWeather™ (SiriusXM® subscription required, sold separately), Streaming audio via Bluetooth®, USB connectivity and iPod® connection, DVD video playback		S
Active Noise Cancellation (ANC)		S
Active Sound Enhancement (ASE)		S

Instrumentation		
Meters/Gauges Speedometer Tachometer – NISMO red Coolant temperature Fuel level LCD dual trip odometer LCD drive computer		S
3-pod gauges (digital clock, engine oil temperature, voltmeter)		S
Indicators Clock Low Tire Pressure M/T shift up timing indicator (light) Cruise Control VDC off		S S S S S

Convenience Features	
Cruise control (ASCD) Power windows – driver and passenger one-touch up/down Power door locks with auto locking feature Nissan Intelligent Key® Cupholders – 3 12-volt outlets – 2 Passenger assist grip Sunvisors w/ vanity mirrors and lamps Lockable glove compartment Storage box behind passenger seat Heated outside mirrors In-cabin microfilter Aluminum-trimmed pedals Bluetooth® Hands-free Phone System	S
Auto-dimming rearview mirror with RearView Monitor	S
HomeLink® Universal Transceiver	S
Electric hatch release	S

Safety and Security

Passenger Restraint Systems	
Nissan Advanced Air Bag System (AABS)	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	S
Roof-mounted curtain side-impact supplemental air bags	S
Outboard seat belts, front	3-point (ALR/ELR for pass., ELR for driver)
Seatbelts with pre-tensioners and load limiters	S
Top tether anchors	S

Safety Features	
Zone Body Construction with front and rear crumple zones Energy-absorbing steering column Slide away brake pedal Break away rear engine mount Hood buckling creases and safety stops Body side reinforcements Aluminum side-door guard beams Clutch interlock Power window lockout button Vehicle Dynamic Control (VDC) Traction Control System (TCS) Tire Pressure Monitoring System (TPMS)	S

Security	
Nissan Vehicle Immobilizer System Vehicle Security System (VSS)	S

Dimensions

Exterior (inches)		
Wheelbase		100.4
Overall length		170.5
Overall width		73.6
Overall height		51.8
Coefficient of drag (Cd)		0.30
Coefficient of lift (front)		0.0
Coefficient of lift (rear)		0.0
Track width	Front	61.2
	Rear	62.2

Interior (inches)	
Head room	38.2
Leg room	42.9
Hip room	54.6
Shoulder room	54.4

Weights		6MT	7AT
Curb (pounds)	Front	1,876	1,894
	Rear	1,581	1,592
	Total	3,457	3,486
Weight distribution (%) Front/Rear		54/46	
GVWR		3,968	

Capacities	
Fuel tank (gallons)	19.0
Engine oil (quarts)	5.2
Engine coolant w/ reservoir (quarts)	9.1 M/T/9.0 AT

Volume (cubic feet)	
Passenger compartment	51.6
Cargo	6.9
Total	58.5

EPA Fuel Economy <i>(Actual mileage may vary)</i>		6MT	7AT
City		17	19
Highway		26	26
Combined		20	22
Classification	Passenger Car		