

NINJA ZX-6R 2020



ENGINE

Engine type

Liquid-cooled, 4-stroke In-Line Four

Compression ratio

12.9:1

Valve system

DOHC, 16 valves

Bore x stroke

67 x 45.1 mm

Displacement

636 cm³

Fuel system

Fuel injection: Ø38 mm x 4 with oval sub-throttles

Ignition

Digital

Starting System

Electric

Lubrication

Forced lubrication, wet sump with oil cooler

BRAKES AND SUSPENSION

Brakes, front

Dual semi-floating 310 mm (x t5 mm) petal discs. Caliper: dual radial-mount, monobloc, opposed 4-piston

Brakes, rear

Single 220 mm (x t5 mm) petal disc. Caliper: single-bore pin-slide, aluminium piston

Suspension, front

41 mm inverted fork (SFF-BP) with rebound and compression damping and spring preload adjustability, and top-out springs

Suspension, rear

Bottom-Link Uni Trak, gas-charged shock with piggyback reservoir, compression and rebound damping and spring preload adjustability

PERFORMANCE & TRANSMISSION

Maximum torque

70.8 N•m {7.2 kgf•m} / 11,000 rpm

Maximum power

95.4 kW {130 PS} / 13,500 rpm

Maximum power with RAM Air

100 kW {136 PS} / 13,500 rpm

Fuel consumption

5.5 l/100 km

CO2 emission

149 g/km

Transmission

6-speed, return

Clutch

Wet multi-disc, manual

FRAME & DIMENSIONS

Trail

101 mm

Wheel travel front

120 mm

Wheel travel rear

151 mm

Tyre, front

120/70ZR17M/C (53W)

Tyre, rear

180/55ZR17M/C (72W)

Steering angle L/R

27° / 27°

L x W x H

2,025 x 710 x 1,100 mm

Wheelbase

1,400 mm

Ground clearance

130 mm

Fuel capacity

17 litres

Seat height

830 mm

Curb mass

196 kg