

# NINJA 500



## SPECS

### POWER

Maximum Power	33.4 kW {45 PS} / 9,000 rpm
Maximum Torque	42.6 Nm {4.3 kgfm} / 6,000 rpm
Engine	4-stroke Parallel Twin
Displacement	451 cc
Bore x Stroke	70.0 x 58.6 mm
Compression Ratio	11.3:1
Valve System	DOHC, 8 valves
Fuel System	Fuel injection: ø32 mm x 2
Ignition	Digital
Starting	Electric
Cooling	Liquid-cooled
Lubrication	Forced lubrication, wet sump
Transmission	6-speed, return
Primary Reduction Ratio	2.029 (69/34)
Gear Ratio: 1st	2.929 (41/14)
Gear Ratio: 2nd	2.056 (37/18)
Gear Ratio: 3rd	1.619 (34/21)
Gear Ratio: 4th	1.333 (32/24)
Gear Ratio: 5th	1.154 (30/26)
Gear Ratio: 6th	1.037 (28/27)
Final Reduction Ratio	3.071 (43/14)
Clutch	Wet multi-disc, manual
Final Drive	Chain

### PERFORMANCE

Frame	Trellis, high-tensile steel
Front Suspension	ø41 mm telescopic fork
Rear Suspension	Bottom-link Uni Trak, gas-charged shock with adjustable spring preload
Front Wheel Travel	120 mm
Rear Wheel Travel	130 mm
Rake	24.5°
Trail	92 mm
Steering Angle (L/R)	35° / 35°
Front Tyre	110/70R17M/C 54H
Rear Tyre	150/60R17M/C 66H

Front Brake/s	Semi-floating ø310 mm disc
Front Caliper/s	Balanced actuation dual-piston
Rear Brake	ø220 mm disc
Rear Caliper	Dual-piston

## DETAILS

Dimensions (LxWxH)	1,995 x 730 x 1,120 mm
Wheelbase	1,375 mm
Road Clearance	145 mm
Seat Height	785 mm
Curb Weight*	171 kg
Estimated Dry Weight**	157 kg
Fuel Capacity	14 litres
Model Code	EX500GSFNW

## TECHNOLOGY



ABS (Anti-lock Brake System)



Assist & Slipper Clutch



Economical Riding Indicator



ERGO-FIT



Smartphone Connectivity