

CB1000R

2009 Press Information



Introduction

The CB1000R charges to the head of the Performance Naked class with an unbeatable combination of sophisticated urban styling, eye-watering performance, agile handling and endless thrills. Its compact and muscular form carries the punch of full-blooded litre-class Super Sports. Its lightweight and compact RR-derived inline-four engine delivers electrifying jolts of power focused on exhilarating low-to-midrange torque. The suspension, wheels and lightweight disc brakes also come from the Super Sports class, giving nimble handling and quick, easy control. A Combined-ABS version is also available, for optimised braking control in all riding situations. The suspension is fully adjustable for a tailor-made ride and the seat is slim, smooth and always enticing. All this is packaged in a fearsome mass-forward, crouching feline form, adorned with futuristic-looking high-tech details and a gleaming Honda quality finish.

Whether you're planning on prowling the mean streets of the asphalt jungle or tearing up the hills and corners beyond the city limits, the CB1000R dares you to experience the best Naked riding experience of your life. Climb aboard or be left behind.

- Aggressively angular and coolly sophisticated 'mass forward' design positions rider forward, as emphasised by the CB1000R's short, compact tail cowl.
- Compact, lightweight 998cm³ liquid-cooled fuel-injected inline-4 engine tuned for dynamic low-to-midrange performance.
- Angular-looking, semi-underslung stainless steel exhaust system lowers centre of gravity for lighter, more responsive handling and an exhilarating sound.
- Attractive 17" wheels feature eye-catching swept 4-spoke design.
- Advanced gravity die-cast aluminium Mono-Backbone frame.
- Swift-handling, fully adjustable 43mm inverted front fork and cast aluminium Monoshock Pro-Arm swingarm assure precision riding control.

- Lightweight 310mm floating front disc brakes with radial-mount 4-piston calipers. 256mm dual-piston caliper rear disc brake.
- Combined-ABS version features 3-piston front brake calipers and advanced antilock brake system for confident control in all braking situations.

Colours

- Dragon Green Metallic
- Pearl Nightstar Black
- Pearl Cool White
- Sword Silver Metallic



Specifications

General	
Model	CB1000R
Mold Type	ED-type
Engine	
Type	Liquid-cooled 4-stroke 16-valve DOHC inline-4
Displacement	998cm ³
Bore x Stroke	75 x 56.5mm
Compression Ratio	11.2 : 1
Max. Power Output	92kW / 10,000min ⁻¹ (95/1/EC)
Max. Torque	100Nm / 8,000min ⁻¹ (95/1/EC)
Idling Speed	1,200min ⁻¹
Oil Capacity	3.6 litres
Fuel System	
Carburation	PGM-FI electronic fuel injection
Throttle Bore	36mm
Aircleaner	Dry, cartridge-type paper filter
Fuel Tank Capacity	17 litres (including 4-litre LCD-indicated reserve)
Electrical System	
Ignition System	Computer-controlled digital transistorised with electronic advance
Ignition Timing	5° BTDC (idle) ~ 50° BTDC (10,000min ⁻¹)
Sparkplug Type	NGK: IMR9E-9HES (NGK); VJH27ES (DENSO)
Starter	Electric
Battery Capacity	12V / 8.6AH
ACG Output	350W
Headlights	12V, 55W x 1 (low) / 60W x 1 (high)
Drivetrain	
Clutch	Wet, multiplate with coil springs
Clutch Operation	Hydraulic
Transmission	6-speed
Primary Reduction	1.604 (77/48)
Gear Ratios	2.538 (33/13)
	2 1.941 (33/17)
	3 1.579 (30/19)
	4 1.363 (30/22)
	5 1.217 (28/23)
	6 1.115 (29/26)
Final Reduction	2.750 (44/16)
Final Drive	#530 O-ring sealed chain
Frame	
Type	Mono-backbone; cast aluminium

Chassis		
Dimensions		2,105 x 785 x 1,095mm
Wheelbase		1,445mm
Caster Angle		25°
Trail		99mm
Turning Radius		2.8m
Seat Height		825mm
Ground Clearance		130mm
Kerb Weight		217kg (F: 106kg; R: 111kg), *222kg (F: 108kg; R: 114kg)
Max. Carrying Capacity		193kg
Loaded Weight		410kg
Suspension		
Type	Front	43mm inverted HMAS cartridge-type telescopic fork with stepless preload, compression and rebound adjustment, 120mm cushion stroke
	Rear	Monoshock with gas-charged HMAS damper featuring 10-step preload and stepless rebound damping adjustment, 128mm axle travel
Wheels		
Type	Front	Closed-section 4-spoke cast aluminium
	Rear	Closed-section 4-spoke cast aluminium
Rim Size	Front	17M/C x MT3.50
	Rear	17M/C x MT5.50
Tyre Size	Front	120/70 ZR17M/C (58W)
	Rear	180/55 ZR17M/C (73W)
Tyre Pressure	Front	250kPa
	Rear	290kPa
Brakes		
Type	Front	310 x 4.5mm dual hydraulic disc with 4-piston (*Combined 3-piston) calipers, floating rotors (*ABS) and sintered metal pads
	Rear	256 x 5mm hydraulic disc with dual-piston caliper (*ABS) and sintered metal pads

* Combined-ABS version