



# Press Information

## 2012 CBR600RR C-ABS

Press release date: 23 September 2011

Model updates: New colour version

Last updated on: 22 June 2011

### Introduction

The CBR600RR holds an enviable position at the forefront of race-bred engineering, excelling in both track and road performance. In 2012 its competitive focus is reaffirmed by the release of a thrilling new colour option: a fresh Victory Red/Ross White version.

Supremely compact and potent, the CBR600RR delivers blistering power balanced by easy, natural handling and faultless road manners. This is made possible by ultra-light weight, mass centralisation and a compact chassis. The engine delivers immediate, exhilarating torque, while its fairing is aggressively aerodynamic, enhances stability and allows maximum enjoyment of the machine's performance.

Smooth, strong braking power is provided by radially-mounted four-piston caliper front disc brakes. The ABS version features the revolutionary Honda electronically-controlled "Combined ABS". Due to its short wheelbase, a sportsbike can be prone to pitching under hard braking, which reduces rear traction. The unique Honda system, designed specifically for Super Sports riders, minimises this tendency, ensuring superb stability and control under severe deceleration.

In either the standard or the Combined ABS version, the CBR600RR is an incredibly versatile and agile Super Sports machine. It is capable of the fastest, most intense track riding, while also delivering a controllable and naturally easy road-riding experience.



## Main features

- New Victory Red/Ross White version **New!**
- Compact, lightweight and mass-centralised 600cc liquid-cooled inline-4 engine is tuned for strong midrange performance and maximum drive out of corners.
- Undercowl, bodywork sculpting and specially designed air vents provide highly effective airflow at medium and high speeds, and enhance machine stability.
- Every component of engine, chassis, exhaust and bodywork is relentlessly pared down in pursuit of optimum mass centralisation and minimum weight.
- C-ABS version features advanced Honda electronically-controlled "Combined ABS".
- Revolutionary Honda Electronic Steering Damper (HESD) contributes to the safe ride feel by automatically adjusting to speed, aiding stability at high speeds and enabling light, easy low-speed handling.
- Fully adjustable inverted front fork and Unit-Pro-Link rear damper combine to allow late braking into corners and smooth progress around them.
- ECU for "Combined ABS" for circuit usage available as an option from Honda Access Europe.



## Colours

- Victory Red/Ross White **New!**
- Graphite Black (Black special)





## Optional equipment

Honda Access Europe provides a range of optional accessories for the CBR600RR, enhancing its styling, performance and versatility. These include:

- A colour-matched rear seat cowl
- Wheel sticker sets
- Racing sticker sets
- A carbon-fibre print meter panel
- A cargo net
- A rear maintenance stand
- A U-lock
- An Averta alarm kit
- A carbon-fibre front mudguard
- A carbon-fibre rear wheel hugger
- Outdoor and indoor motorcycle covers
- A carbon-fibre print top bridge cover
- A tank pad and fuel lid cover
- A carbon-fibre exhaust guard
- A black-tinted windscreen



## Specifications – CBR600RR (ED-type)

### ENGINE

Type	Liquid-cooled 4-stroke 16-valve DOHC inline-4
Displacement	599cm <sup>3</sup>
Bore × Stroke	67 x 42.5mm
Compression Ratio	12.2: 1
Max. Power Output	88.1kW/13,500min <sup>-1</sup>
Max. Torque	66Nm/11,250min <sup>-1</sup>
Idling Speed	1,400min <sup>-1</sup>
Oil Capacity	3.5 litres

### FUEL SYSTEM

Carburation	PGM-DSFI electronic fuel injection
Throttle Bore	40mm
Aircleaner	Dry, cartridge-type paper filter
Fuel Tank Capacity	18litres (including 3.5-litre LCD-indicated reserve)
Fuel Consumption	19.4km/l (WMTC Mode*)

### ELECTRICAL SYSTEM

Ignition System	Computer-controlled digital transistorised with electronic advance
Ignition Timing	Independent 4-cylinder 3D-mapped computer control



Sparkplug Type	IMR9E-9HES (NGK); VUH27D (DENSO)
Starter	Electric
Battery Capacity	12V/8.6AH
ACG Output	343W
Headlights	12V; 55W × 2 (low) / 55W × 1 (high)

**DRIVETRAIN**

Clutch	Wet, multiplate with coil springs
Clutch Operation	Mechanical; cable-actuated
Transmission Type	6-speed
Primary Reduction	2,111 (76/36)
Gear Ratios	1 2,750 (33/12) 2 2,000 (32/16) 3 1,666 (30/18) 4 1,444 (26/18) 5 1,304 (30/23) 6 1,208 (29/24)
Final Reduction	2,562 (41/16)
Final Drive	#525 O-ring sealed chain

**FRAME**

Type	Diamond; Fine Die-Cast aluminium
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**CHASSIS**

Dimensions	(L×W×H)	2,010 x 685 x 1,105mm
Wheelbase		1,375mm
Caster Angle		23° 55'
Trail		98mm



Turning Radius	3.2m
Seat Height	820mm
Ground Clearance	135mm
Kerb Weight	184kg (F: 95kg; R: 89kg)
Max. Carrying Capacity	180kg
Loaded Weight	364kg

### SUSPENSION

Type	Front	41mm fully adjustable inverted HMAS cartridge-type telescopic fork, 120mm axle travel
	Rear	Unit Pro-Link with gas-charged remote reservoir damper, adjustable spring preload and compression and rebound damping, 130mm axle travel

### WHEELS

Type	Front	Hollow-section triple-spoke cast aluminium
	Rear	Hollow-section triple-spoke cast aluminium
Rim Size	Front	17 × MT3.5
	Rear	17 × MT5.5
Tyre Size	Front	120/70 -ZR17M/C (58W)
	Rear	180/55 -ZR17M/C (58W)
Tyre Pressure	Front	250kPa
	Rear	290kPa

### BRAKES

Type	Front	310 x 4.5mm dual hydraulic disc with radial-mount 4-piston calipers, floating rotors and sintered metal pads
	Rear	220 x 5mm hydraulic disc with single-piston caliper and sintered metal pads



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