Performance at Its Best

Sportbikes—especially 600-class machines—are for riders who want to feel the highest degree of connection with their motorcycles. Because the greater the connection, the more rewarding the ride. And that’s why we strive to make our CBR®600RR and CBR600RR ABS as good as they are. The high-revving inline-four engine is instantly responsive. The aluminum chassis and premium suspension precisely connect you with the road like nothing else. And only a 600 can give you the light, crisp handling so many sportbike riders find so attractive. New graphics for 2021 keeps the CBR600RR looking fresh, and so does the new Grand Prix Red Tricolor paint scheme. Available with optional anti-lock brakes, the CBR600RR is the best example of a highly refined breed. Is it for you? Ride one and see.
SPECIFICATIONS

ENGINE TYPE — 599cc liquid cooled in-line four cylinder
BORE AND STROKE — 67mm x 42.5mm
COMPRESSION RATIO — 12.2:1
VALVE TRAIN — DOHC; four valves per cylinder
INDUCTION — Dual Stage Fuel Injection (DSFI) with 40mm throttle bodies, Denso 12-hole injectors
IGNITION — Computer-controlled digital transistorized with 3-D mapping
TRANSMISSION — Close-ratio six-speed
FINAL DRIVE — #525 O-ring chain; 16T/42T
FRONT SUSPENSION — 41mm inverted Big Piston Fork with spring preload, rebound and compression damping adjustability; 4.3 inches travel
REAR SUSPENSION — Unit Pro-Link® HMAS™ single shock with spring preload, rebound and compression damping adjustability; 5.1 inches travel
FRONT BRAKE — Dual radial-mounted four-piston calipers with full-floating 310mm discs/Honda Combined ABS
REAR BRAKE — Single-caliper 220mm disc/Honda Combined ABS
FRONT TIRE — 120/70ZR-17 radial
REAR TIRE — 180/55ZR-17 radial
WHEELBASE — 53.9 inches
TRAIL — 3.9 inches
SEAT HEIGHT — 32.3 inches
RAKE (CASTER ANGLE) — 23.5°
FUEL CAPACITY — 4.8 gallons
CURB WEIGHT — 410 pounds/ABS 434 pounds (Includes all standard equipment, required fluids and a full tank of fuel—ready to ride)

FEATURES & BENEFITS

2021 CBR600RR/ABS

GRAND PRIX RED TRI COLOR

RADIAL-MOUNTED FRONT-BRAKE CALIPERS
The CBR600RR uses radial-mounted monoblock front-brake calipers. This construction makes the caliper stiffer, and that means you get better brake feel for more linear, powerful stopping. Each caliper also uses four chromium-plated aluminum pistons for smooth, friction-free operation.

CENTRALLY LOCATED FUEL TANK
The CBR600RR's 4.8-gallon fuel tank is positioned in the center of the chassis and low in the frame. This allows for a more compact design, but even more important helps centralize the bike's mass. Increased mass centralization means the CBR is more responsive to rider input, especially when leaning the bike into a turn or standing it up at the exit.

Honda ELECTRONIC STEERING DAMPER (HESD)
Most steering dampers only sense handlebar-deflection speed. The Honda Electronic Steering Damper (HESD) is way more sophisticated. It also detects vehicle speed, and adjusts damping proportionally. That helps maintain low-speed maneuverability while providing excellent, predictable high-speed handling.

DUAL-STAGE FUEL INJECTION
Two sets of injectors per cylinder ensure both low and high-rpm performance. You get near-instantaneous high-rpm response, along with great low-rpm metering and clean running.