



world leader



**CRJ Series**

**BOMBARDIER**

# CRJ1000

## GENERAL

Flight Crew	Cabin Crew
2	2 to 3
Same type rating across CRJ family	
Passengers	
Dual Class	97 Passengers (38/31 in. pitch)
Single Class	100 Passengers (31 in. pitch)
Maximum Capacity	104 Passengers (31 in. pitch)

## AVIONICS INFO\*

- Rockwell Collins Pro Line 4 with six-screen EFIS/EICAS
- Traffic alert & collision avoidance system (TCAS) v7.1
- Capabilities: Coupled VNAV, SBAS/WAAS, LPV, RNP 0.3, Link 2000+, ADS-B Out

## ENGINE

### 2 GE CF34-8C5A1 turbofans

#### Thrust

13,630 lbf. / 60.6 kN at takeoff  
14,510 lbf. / 64.5 kN thrust APR

#### Flat Rating

ISA + 15.0°C

## PERFORMANCE

Range (225 lb. / 102 kg per pax.)	1,650 NM	1,900 SM	3,056 km
Speed	Maximum Cruise Speed:		
0.82 Mach	470 kts	541 mph	871 km/h
Normal Cruise Speed:			
0.78 Mach	447 kts	515 mph	829 km/h
Takeoff Field Length (ISA, SL, MTOW)**	Base		
	6,155 ft.	1,876 m	
	Max	6,955 ft. 2,120 m	
Landing Field Length (ISA, SL, MLW)	5,740 ft. 1,750 m		

## CEILING

### Maximum Operating Altitude

41,000 ft. / 12,497 m

## NOISE LEVEL

Flyover	Lateral
84.7 EPNdB	89.4 EPNdB
Approach	Margin to Stage 4
93.3 EPNdB	4.7 EPNdB

## EMISSIONS (MARGINS TO CAEP6)

NOx	Smoke
25.6%	52.8%
UHC (Unburned Hydrocarbons)	CO
97.7%	64.8%

## EXTERNAL DIMENSIONS

Length	Wingspan
128 ft. 5 in. / 39.1 m	85 ft. 11 in. / 26.2 m
Wing Area (net)	Height
833 ft. <sup>2</sup> / 77.4 m <sup>2</sup>	24 ft. 6 in. / 7.5 m
Fuselage Max Diameter	
8 ft. 10 in. / 2.7 m	

## INTERNAL DIMENSIONS

Cabin Length	Cabin Max Width (Centreline)
77 ft. 6 in. / 23.60 m	8 ft. 4 in. / 2.55 m
Cabin Width (Floor Level)	Cabin Aisle Height
7 ft. 1 in. / 2.16 m	6 ft. 2 in. / 1.89 m
Cabin Volume	Overhead Bin Volume per Pax
3,320 ft. <sup>3</sup> / 94.01 m <sup>3</sup>	1.9 ft. <sup>3</sup> / 0.05 m <sup>3</sup>
Cargo Volume	Floor Area
683 ft. <sup>3</sup> / 19.4 m <sup>3</sup>	541 ft. <sup>2</sup> / 50.3 m <sup>2</sup>

## DOORS & EXITS

Passenger Door	LH FWD	
Height	5 ft. 10 in. / 1.78 m	
Width	3 ft. / 0.91 m	
Height to Sill	5 ft. 8 in. / 1.73 m	
Cargo Door	LH AFT	LH FWD (2 Doors)
Height	2 ft. 9 in. / 0.84 m	1 ft. 8 in. / 0.51 m
Width	3 ft. 7 in. / 1.09 m	3 ft. 6 in. / 1.07 m
Height to Sill	7 ft. 7 in. / 2.31 m	4 ft. 3 in. / 1.28 m
Service Door	RH FWD	
Height	4 ft. / 1.22 m	
Width	2 ft. / 0.61 m	
Height to Sill	5 ft. 8 in. / 1.73 m	
Overwing Exits	LH / RH	
Height	3 ft. 7 in. / 1.09 m	
Width	1 ft. 8 in. / 0.51 m	

## WEIGHT

Maximum Ramp Weight	
Base	86,468 lb. / 39,222 kg
Max	92,300 lb. / 41,867 kg
Maximum Takeoff Weight	
Base	85,968 lb. / 38,995 kg
Max	91,800 lb. / 41,640 kg
Maximum Landing Weight	81,500 lb. / 36,968 kg
Maximum Zero Fuel Weight	77,500 lb. / 35,154 kg
Maximum Payload	26,380 lb. / 11,966 kg
Cargo Weight	7,180 lb. / 3,257 kg



Scan to be taken to the CRJ Series section on the new BCA website



\* Some features optional  
\*\* Normal Takeoff Thrust (NTO) + 5%

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