

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) |
|--------------------------------------|
| 6,670 ft. 2,030 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. ² / 77.4 m ² | 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. ³ / 94.01 m ³ | 1.9 ft. ³ / 0.05 m ³ |
| Cargo Volume | Floor Area |
| 683 ft. ³ / 19.4 m ³ | 541 ft. ² / 50.3 m ² |

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

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