world leader

CRJ Series
## CRJ1000

### GENERAL

<table>
<thead>
<tr>
<th>Flight Crew</th>
<th>Cabin Crew</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>2 to 3</td>
</tr>
</tbody>
</table>

**Same type rating across CRJ family**

### Passengers

<table>
<thead>
<tr>
<th>Dual Class</th>
<th>Single Class</th>
<th>Maximum Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>97 Passengers (38/31 in. pitch)</td>
<td>100 Passengers (31 in. pitch)</td>
<td>104 Passengers (31 in. pitch)</td>
</tr>
</tbody>
</table>

### 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**
  - 84.7 EPNdB
- **Lateral**
  - 89.4 EPNdB
- **Margin to Stage 4**
  - 4.7 EPNdB

### EMISSIONS (MARGINS TO CAEP6)

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

### EXTERNAL DIMENSIONS

- **Length**
  - 128 ft. 5 in. / 39.1 m
- **Wing Area (net)**
  - 833 ft. / 77.4 m²
- **Fuselage Max Diameter**
  - 8 ft. 10 in. / 2.7 m

### INTERNAL DIMENSIONS

- **Cabin Length**
  - 77 ft. 6 in. / 23.60 m
- **Cabin Width (Floor Level)**
  - 7 ft. 1 in. / 2.16 m
- **Cabin Volume**
  - 3,320 ft.³ / 94.01 m³
- **Cargo Volume**
  - 683 ft.³ / 19.4 m³

- **Cabin Max Width (Centreline)**
  - 8 ft. 4 in. / 2.55 m
- **Cabin Aisle Height**
  - 6 ft. 2 in. / 1.89 m
- **Overhead Bin Volume per Pax**
  - 1.9 ft.³ / 0.05 m³
- **Floor Area**
  - 541 ft.² / 50.3 m²

### 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

### DOORS & EXITS

- **Passenger Door**
  - LH FWD
- **Cargo Door**
  - LH AFT
  - LH FWD (2 Doors)

- **Service Door**
  - RH FWD
- **Overwing Exit**
  - LH / RH

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

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