

MOVE THE WORLD FORWARD MITSUBISHI  
HEAVY  
INDUSTRIES  
GROUP



**WORLD LEADER**



**CRJ Series**

**MHIRJ**

# 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
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### 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
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### Landing Field Length (ISA, SL, MLW)

5,740 ft.	1,750 m
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## 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



MHIRJ Group  
mhjrj.com



Scan to be taken to the CRJ Series on the new MHIRJ website

\* Some features optional  
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