



world leader



CRJ Series



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



MHIRJ Group
mhirj.com



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

* Some features optional
MHIRJ, CRJ Series and CRJ1000 are trademarks of MHI RJ Aviation ULC, or its group companies. The information in this document is proprietary to MHI RJ Aviation ULC, or its group companies. All MHI RJ Aviation ULC specifications and data are approximate, may change without notice and subject to certain operating rules, assumptions and other conditions. This document does not constitute an offer, commitment, representation, guarantee or warranty of any kind, and the configuration and performance of any aircraft shall be determined in a final purchase agreement. This document must not be reproduced or distributed in whole or in part to or by a third party. MHI RJ Aviation ULC shall be notified in writing of all requests for permission to disclose.