

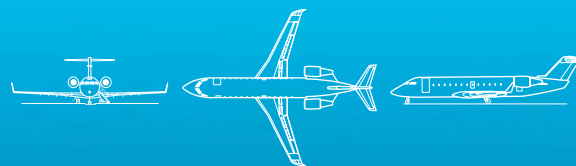
The Bombardier* CRJ200* was designed to provide superior performance and operating efficiencies in the fast-growing regional airline industry. Against the closest competition it flies faster and farther while burning less fuel and having lower operating costs. With over 1,000 units in commercial service it has become the most successful regional airliner program the world has ever known.



Bombardier
CRJ200

Bombardier

CRJ200



This pioneering airliner has three derivatives: the 70- to 78-passenger Bombardier CRJ700*, the 75-passenger Bombardier CRJ705* and the 86- to 90-seat Bombardier CRJ900*. Designed specifically to provide superior operating efficiencies to regional and major airlines, the twin-turbofan Bombardier CRJ200 has also established itself as the world's quietest and most environmentally friendly commercial jet aircraft. Exceptional operating economics and the benefits of commonality within the CRJ family give customers unmatched operational flexibility and tremendous cost savings potential.

General

Flight Crew	2
Cabin Crew	1+1
Passengers	50

Engines

Number	2 General Electric CF34-3B1 turbofans
Thrust	8,729 pounds (38.84 kN) thrust at takeoff 9,220 pounds (41.0 kN) thrust APR
Flat rating—standard	73° F (ISA+8°C)
Flat rating—optional	86° F (ISA+15°C)

Avionics

Collins Pro Line 4 six-tube EFIS/EICAS
Dual attitude heading reference systems (AHRS)
Traffic alert & collision avoidance system (TCASII)
Collins digital weather radar

Performances

Range

Maximum range at LRC				
CRJ200 ER FAA 121 (50 pax)	1,345 NM	1,548 SM	2,491 km	
CRJ200 LR FAA 121 (50 pax)	1,700 NM	1,956 SM	3,148 km	

Speed	Mach	kts	mph	km/h
High cruise speed	0.81	464	534	860
Normal cruise speed	0.74	424	488	785

Airfield Performance

CRJ200 ER

FAR takeoff field length (SL, ISA) at MTOW	5,800 ft	1,768 m
FAR landing field length (SL) at MLW	4,850 ft	1,479 m

CRJ200 LR

FAR takeoff field length (SL, ISA) at MTOW	6,290 ft	1,918 m
FAR landing field length (SL) at MLW	4,850 ft	1,479 m

Ceiling

Maximum operating altitude	41,000 ft	12,496 m
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Noise Level

CRJ200 LR

	EPNdB
Takeoff	77.7
Approach	92.1
Sideline	82.5
Margin to Stage IV	18.7

Dimensions

External

Length overall	87 ft 10 in	26.77 m
Wingspan	69 ft 7 in	21.21 m
Wing area (net)	520.4 ft ²	48.35 m ²
Height overall	20 ft 5 in	6.22 m
Fuselage maximum diameter	8 ft 10 in	2.69 m
Turning Circle	75 ft	22.86 m

Internal

Cabin length (Fit comp bulkhead to aft cabin bulkhead)	40 ft 6 in	12.38 m
Cabin maximum width (centreline)	8 ft 3 in	2.53 m
Cabin width (floor level)	7 ft 2 in	2.18 m
Maximum height	6 ft 1 in	1.85 m
Floor area (Fit comp bulkhead to aft cabin bulkhead)	290.25 ft ²	26.99 m ²
Cabin volume	1,687 ft ³	47.77 m ³
Baggage volume (with carry-on)	485 ft ³	13.8 m ³

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 4 in	1.63 m
Baggage door (LH, aft)		
Height	2 ft 9 in	0.84 m
Width	3 ft 7 in	1.09 m
Height to sill	5 ft 4 in	1.63 m
Service door (RH, fwd)		
Height	4 ft	1.22 m
Width	2 ft	0.61 m
Height to sill	5 ft 4 in	1.63 m

Weights

Maximum ramp weight		
CRJ200 ER	51,250 lb	23,247 kg
CRJ200 LR	53,250 lb	24,154 kg
Maximum takeoff weight		
CRJ200 ER	51,000 lb	23,133 kg
CRJ200 LR	53,000 lb	24,041 kg
Maximum landing weight	47,000 lb	21,319 kg
Maximum zero fuel weight	44,000 lb	19,958 kg
Operating weight empty	30,900 lb	14,016 kg
Maximum fuel load	14,305 lb	6,489 kg
Maximum payload	13,100 lb	5,942 kg

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