The Bombardier® Q200® is designed for airlines and other operators who require an aircraft the same size as the Q100®, but with more power and greater payload. Bombardier’s engineers met the challenge by mating the Q100 airframe with the more powerful Pratt & Whitney PW123 engines found on the larger Q300® aircraft.
The Q200 is an aircraft with spectacular performance and increased payload and range capability and is ideal for operators who require an aircraft for ‘hot and high’ operating conditions. The Q200 retains the Dash 8 aircraft’s legendary short airfield performance operating from runways as short as 800 metres.

**Avionics**
- Honeywell SPZ-8000 dual-channel digital AFCS
- Dual digital air data system
- Primus P660 weather radar
- Collins nav/comm systems

**Performance**
- **Range**
  - Maximum range (37 pax) 1,125 NM 1,295 SM 2,084 km
- **Speed**
  - High cruise speed 289 kts 333 mph 535 km/h

**Airfield Performance**
- FAR takeoff field length (SL, ISA) at MTOW 3,280 ft 1,000 m
- FAR landing field length (SL) at MLW 2,560 ft 780 m

**Ceiling**
- Maximum operating altitude 25,000 ft 7,620 m

**Noise Level**
- Takeoff EPNdB 80.6
- Sideline EPNdB 85.6
- Approach EPNdB 94.7

**Dimensions**
- **External**
  - Length overall 73 ft 22.25 m
  - Wingspan 85 ft 25.89 m
  - Wing area (net) 585 ft² 54.40 m²
  - Height (over tail) 24 ft 7 in 7.49 m
  - Fuselage maximum diameter 8 ft 10 in 2.69 m

- **Internal**
  - Cabin length (Flt comp bulkhead to baggage comp bulkhead) 30 ft 9.16 m
  - Cabin maximum width (centreline) 8 ft 3 in 2.52 m
  - Cabin width (floor level) 6 ft 8 in 2.03 m
  - Maximum height 6 ft 5 in 1.95 m
  - Cabin volume 1,328 ft³ 37.60 m³
  - Baggage volume 300 ft³ 8.50 m³

- **Doors & Exits**
  - Passenger door (LH, fwd, airstair)
    - Height 5 ft 5 in 1.65 m
    - Width 2 ft 6 in 0.76 m
    - Height to sill 3 ft 7 in 1.09 m
  - Baggage door (LH, aft)
    - Height 5 ft 1.52 m
    - Width 4 ft 2 in 1.27 m
    - Height to sill 3 ft 7 in 1.09 m

- **Weights**
  - Maximum takeoff weight 36,300 lb 16,466 kg
  - Maximum landing weight 34,500 lb 15,649 kg
  - Maximum zero fuel weight* 32,400 lb 14,696 kg
  - Operating weight empty 8,921 lb 4,647 kg
  - Fuel capacity 695 U.S. gal/695 Imp. gal 3,160 l

- **Engine Specifications**
  - Number 2 Pratt & Whitney Canada PW123C/D turboprops
  - Power 2,150 shp
  - Propellers Hamilton Standard 14SF-23 four-blade, reversible pitch

* with optional 400 lb MZFW increase.

(1) 37 passengers @ 220 lb (100 kg), LRC, ISA, zero winds, standard reserves.