

← EMBRAER



E175
BUSINESS HERO



E175



E175 DUAL CLASS CONFIGURATION
76 SEATS AT 36" AND 31" PITCH



E175 SINGLE CLASS CONFIGURATION
78 SEATS AT 33"/32" PITCH



E175 HIGH DENSITY CONFIGURATION
88 SEATS AT 29" PITCH

WEIGHTS

	LR		AR	
Maximum Takeoff Weight	38,790 kg	85,517 lb	40,370 kg	89,000 lb
Maximum Landing Weight	34,000 kg	74,957 lb	34,100 kg	75,178 lb
Basic Operating Weight (std)	21,886 kg	48,250 lb	21,906 kg	48,294 lb
Maximum Zero Fuel Weight	31,700 kg	69,887 lb	32,000 kg	70,548 lb
Maximum Payload	9,814 kg	21,636 lb	10,094 kg	22,253 lb
Maximum Usable Fuel*	9,335 kg	20,580 lb	9,355 kg	20,580 lb
Maximum Usable Fuel	11,625 l	3,071 gal	11,625 l	3,071 gal

* Fuel Density: 0.803 kg/l (6.70 lb/gal)

PERFORMANCE

	LR	AR
Max Cruise Speed	M 0.82	M 0.82
Time to climb to FL350 TOW for 500 nm, full PAX	18 min	18 min
Takeoff Field Length TOW for 500nm, full PAX, ISA, SL, E5 engines	1,266 m	1,266 m
	4,154 ft	4,154 ft
Takeoff Field Length MTOW, ISA, SL - E5 engines for LR; E5A1 engines for AR version	1,724 m	2,244 m
	5,656 ft	7,362 ft
Landing Field Length MLW, ISA, SL	1,259 m	1,261 m
	4,131 ft	4,137 ft
Service Ceiling	41,000 ft	41,000 ft
Range Full PAX, LRC, typical mission reserves	2,150 nm	2,200 nm
	3,982 km	4,074 km