

A side profile view of the rear half of a white Embraer Legacy 650E private jet. The aircraft features a dark blue vertical stabilizer and dark blue wingtips. Two engines are visible on the wings. The fuselage has a series of small, dark oval windows along its length.

Rethink Convention.

 **EMBRAER**
Executive Jets

LEGACY 650E



AN UNBEATABLE WORKHORSE. AN UNIMAGINABLE WARRANTY. ALL AT AN UNBELIEVABLE PRICE.

It's one thing to be proud of an achievement, but it's another entirely to demonstrate commitment. So, as a testament to our confidence in the Legacy 650E's heritage of robustness and near-perfect dispatch reliability, this new aircraft carries a 10 year/10,000 flight hour warranty — an amazing new standard unheard of in the business jet industry. In short, no aircraft manufacturer stands more steadfastly behind its product.

With a restyled seat upholstery, the Legacy 650E's spacious cabin features three distinct cabin zones with ample space and privacy, plus option for a separate crew lavatory in the forward cabin. It can seat up to 14 passengers, and fly 3,900 nautical miles with four passengers — and its largest-in-class 240 cubic-foot baggage compartment can carry virtually everything they might want to bring along.

The Legacy 650E delivers an enhanced level of automation and situational awareness — starting with a Synthetic Vision System (SVS) and autothrottle — both now standard equipment. They're the perfect complement to the aircraft's proven Honeywell Primus Elite avionics suite. Two iPads with mounting systems are now available in the cockpit, so pilots can enjoy a friendlier interface, easier updates and a full range of other tools to support their operation. All of these features reduce cockpit workload and potential errors, and create a more intuitive environment.

The longest warranty of any business jet in the world. Unparalleled cabin comfort and convenience. Unbeatable dispatch reliability. And updated avionics. The Legacy 650E delivers all this and more — at a list price that's millions of dollars less than any competitor in its class, and an operational cost that's unmatched among large jets.

01

*Longest warranty
in the industry*

02

*Excellent dispatch
reliability*

03

Low operating costs

04

*Largest baggage
compartment in
its class*

05

*Largest cabin
in its class*



LEGACY 650E

SPECIFICATIONS

With the largest galley, lavatory and baggage compartment in its class, the quiet, three-zone cabin of the Legacy 650E allows you to work, dine or rest in complete comfort.

PERFORMANCE DATA

Range @ 4 pax (LRC, NBAA IFR res.)	3,900 nm / 7,223 km
Maximum Operating Speed	M 0.80
TOFL (MTOW, SL, ISA)	5,741 ft / 1,750 m
Unfactored Landing Distance (MLW, SL, ISA)	2,842 ft / 866 m
Maximum Payload	4,939 lb / 2,240 kg
Maximum Operating Altitude	41,000 ft / 12,497 m
Propulsion	Rolls-Royce AE 3007A2
Engine Thrust / Flat Rating	9,020 lbf / ISA + 15°C
Avionics	Honeywell Primus Elite™
Total Baggage Capacity	286 cu.ft / 8.1 cu.m
Seating Capacity (crew + standard pax / max pax)	2 / 3 + 13 / 14

THE LARGEST CABIN IN THE SEGMENT: Three spacious zones, assuring privacy with layouts optimized to meet your mission needs.



Optimized for business with a straight aisle configuration, assuring privacy and productivity, plus the exclusive option for a separate crew lavatory in the forward cabin.

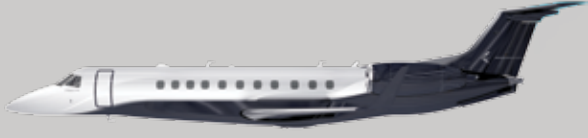


Optimized for business and leisure, featuring a conference table area, credenza and the option for a separate crew lavatory in the forward cabin.

69 ft 5 in | 21.17 m



86 ft 5 in | 26.33 m



21 ft 9 in | 6.64 m



24 ft 9 in | 7.55 m

AVIONICS — HONEYWELL PRIMUS ELITE™

- Synthetic Vision System (SVS)
- Autothrottle
- iPad as Electronic Flight Bag (EFB)
- Five LCD Displays + Cursor Control Device (CCD)
- Charts and maps capability
- Data loader 1000 with SD card and USB ports
- XM weather capability (US only)
- WAAS / LPV
- ADS-B Out
- SmartRunway™ / SmartLanding™ (RAAS)
- FANS 1/A CPDLC + Datalink Recorder
- Central Maintenance Computer (CMC)
- Dual Inertial Reference System (IRS)
- CAT I and CAT II autopilot / flight director
- Integrated Stand-by Instruments System (ISIS)

Some features are optional items.



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