

December 2022
(Figures at end of November 2022)

A320 FAMILY: the most successful aircraft family ever

A320neo Family
Most successful aircraft Family ever

AIRSPACE
cabin for an **exclusive in-flight experience**

Support: Around-the-clock, around the globe assistance
Airbus Services: a complete portfolio of end-to-end lifecycle products and service

Creating Higher Customer Value

- 20% Fuel Burn & CO₂ emissions advantage*
- A321 **growing market success** (over 5,800 orders)
- 60% market share

Demonstrated Maturity

- Over **2,000 NEOs** delivered worldwide
- 99.7%** Operational Reliability

Constantly Improving

- 50%** noise footprint
- 15 million** tons of CO₂ savings since A320neo EIS
- A321XLR flying up to **11 hours** (4,700 nm/8,700km)

*vs previous generation aircraft

AIRBUS

[DOWNLOAD infographic here](#)

- The A320 Family is the world’s most popular single-aisle aircraft family and the preferred choice with airlines, from the low cost carriers to new business models taking benefits of new levels of performance and comfort.
- With one aircraft in three sizes (A319, A320 & A321), the A320 Family is comfortably seating from 120 to 244 passengers and allows operators to match the right aircraft size to demand covering the entire market, from low-to-high-density routes to longer-range thin routes
- Only the A320 Family does offer containerized cargo, as an option, increasing the airlines’ operational efficiency. Due to the widest single-aisle cross section of the single-aisle market, the A320 Family provides a unique flexibility to operators who can choose among bulk or container capability.

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Orders and Deliveries since the creation of Airbus

- 16,785 A320 Family orders from 300+ customers
 - including 8,665 A320neo Family orders for 134 customers
- 10,616 deliveries
 - including 2,516 A320neo Family deliveries
- 6,169 in backlog
- Around 60% of the A320 Family backlog is for A321

In-service status A320 Family

- 292+ million flight hours /158+ million flight cycles since Entry Into Service
- 99.7 percent Operational Reliability (last 12 months)

A320 Family rate evolution and production

- The A320 Family monthly production rate target is 75 by the middle of the decade.
- The production increase will benefit the entire global industrial value-chain.
- Airbus will meet the higher production rates by increasing capacity at its existing industrial sites
 - growing the industrial footprint in Mobile, US
 - investing to ensure that all A320 Family commercial aircraft assembly sites (FAL) are A321-capable.
- Four A320 Family Final Assembly Lines (FAL) in three continents:
 - Toulouse, France (A320 and A321 assembly)
 - Hamburg, Germany (A319, A320 and A321 assembly)
 - Tianjin, China (A319, A320 and A321 assembly)
 - Mobile, USA (A319, A320, A321)

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A320neo Family:

On-going developments creating higher value for our customers

- Two new generation engines option:
 - Pratt & Whitney GTF™
 - CFM International's LEAP-1A

A320neo Family offers unbeatable efficiency

- **15 million tons of CO₂** savings since the A320neo Family entry into service in 2016
- Incorporating Sharklets, new fuel-efficient engines and latest cabin innovations, the A320neo offers following advantages (versus previous generation aircraft):
 - **20% less fuel burn and CO₂ emissions**
 - **50% noise footprint reduction**
- 5% lower airframe maintenance costs
- 14% lower cash operating costs per seat
- **Skywise:** a key pillar of the Family continuous improvements relates to the capability to extract data from the aircraft and make this data valuable for operators with the compatibility of **Skywise** with the A320 Family aircraft, particularly for the operations and maintenance of their fleets.
- All A320 Family aircraft share the same fly-by-wire digital flight controls and cabin management systems..
This commonality helps reduce the cost of pilot training and scheduling, while also lowering operations and maintenance costs

The A321neo: The growing market success

The A321neo is the longest-fuselage member of Airbus' best-selling single-aisle A320 Family, comfortably seating 180 to 220 passengers in a typical two-class interior layout, and as many as 244 in a higher-density arrangement.

The A321LR and the A321XLR are both longer range variants of the A321neo.

- **A321XLR** : The next evolutionary step from the A321neo enabling airlines to extend their market reach
 - An eXtra Long Range of up to 4,700nm / 8,700km (+15% than A321LR)
 - Thanks to a permanent Rear Centre Tank (RCT), (12,900l fuel volume), an optional Additional Centre Tank (ACT) and a higher Maximum Take-Off Weight of 101t.
 - 30% lower fuel burn per seat than previous generation competitor aircraft
 - The A321XLR cabin benefits from the Airspace interior, featuring a range of cabin elements for true long haul comfort for passengers and offer differentiation for airlines.
 - The A321XLR offers a long-haul flight experience with the comfort of a cabin altitude averaging 6,000 feet.

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- The first A321XLR has successfully accomplished its first flight on 15 June 2022

The A321XLR entry-into-service is expected to take place in 2024.

- **A321LR:**
 - Long range capability, achieving up to 4,000nm (7,400km) thanks to three Additional Centre Tanks (ACTs) to store more fuel.
 - Improved maximum take-off weight of 97 tonnes.
 - Operators can outfit its cabin with configurations ranging from a single-class layout to multi-class arrangements featuring full-flat premium seats for true long-haul comfort
 - Passengers benefit from the A321's low interior noise and latest in-flight entertainment.

Airspace cabin: perfect space for passengers and airlines

- The A320 Family features the widest single-aisle fuselage (7" more than the 737), and offers wider seats, a wider aisle and bigger stowage for more comfort.
- The A320 Family cabin features long haul seat comfort in all classes, from the comfort economy to the full-flat business class seat, providing the versatility to adapt to all airline strategies.
- Airspace by Airbus cabin, available on the A320neo, provides passengers with the best travel experience, including comfortable seats like on a widebody aircraft.
- The A320 Family offers clean air in the cabin via HEPA (High Efficiency Particulate Arrestor) filters. The air is renewed every 2-3 minutes.

Freighter variants

The A320 Family is also available as a freighter thanks to the P2F programme. The A320P2F programme offers a passenger-to-freighter conversion opportunity for A320s and A321s that have completed their useful operational service as passenger aircraft.

Best option for express domestic and regional operations, it accommodates up to 27 metric tonnes over 1,900 nautical miles and offers space for 14 large containers/pallets on the main deck and 10 LD3-type containers on the lower deck.

- 2012: launch of the conversion programme in collaboration between ST Aerospace, Airbus and their joint venture EFW.
- 2015: programme extended to the A320 Family .
- Feb. 2020: the first A321P2F received its Supplement Type Certification
- Oct. 2020: the first A321P2F converted aircraft was delivered to Qantas.
- Dec 2021 A320 P2F first flight
- March 2021 A320P2F type certificate received

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Technical data

A320neo Family	Typical seating in two class config	Max. seating	Range	Wing Span	Overall length	Overall height	MTOW
A319neo	120-150	160	3,750nm 6,950km	117'5"ft 35.80m	111'0"ft 33.84m	38'7"ft 11.76m	75.5t
A320neo	150-180	194	3,450nm 6,400km	117'5"ft 35.80m	123'3"ft 37.57m	38'7"ft 11.76m	79t
A321neo	180-220	244	4,700nm 8,700km	117'5"ft 35.80m	146'0"ft 44.51m	38'7"ft 11.76m	101t

A320ceo Family	Typical seating in two class config*	Max. seating*	Range	Wing Span	Overall length	Overall height	MTOW
A319	124	156	3,750nm 6,950km	117'5"ft 35.80m	111'0"ft 33.84m	38'7"ft 11.76m	75.5t
A320	150	180	3,350nm 6,200km	117'5"ft 35.80m	123'3"ft 37.57m	38'7"ft 11.76m	78t
A321	185	220	3,200nm 5,950km	117'5"ft 35.80m	146'0"ft 44.51m	38'7"ft 11.76m	93.5t

*Without cabin enablers

Programme main dates:

- 26 March 1988 First delivery A320 to Air France (Air Inter)
- 27 January 1994 First delivery A321 to Lufthansa
- 25 April 1996 First A319 delivery to Swiss Air
- 21 July 2003 First A318 delivery to Frontier Airlines
- February 2012 5000th A320 Family delivery
- 1 December 2010 Launch of A320neo Family
- 24 November 2015 A320neo receives Type Certification
- 20 January 2016 First A320neo to Lufthansa
- 15 December 2016 A321neo receives Type Certification
- 20 April 2017 First A321neo to Virgin America
- 13 November 2018 First A321LR to Arkia Israeli Airlines
- 21 December 2018 A319neo with CFM Leap-1A engines wins Type Certification
- 17 January 2019 First ACJ320neo delivery to Acropolis Aviation
- 17 June 2019 Launch of A321XLR at Paris Airshow
- 15 June 2022 First A321XLR first flight

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