



A320 Family

The market leader





The A320 Family serves multiple markets

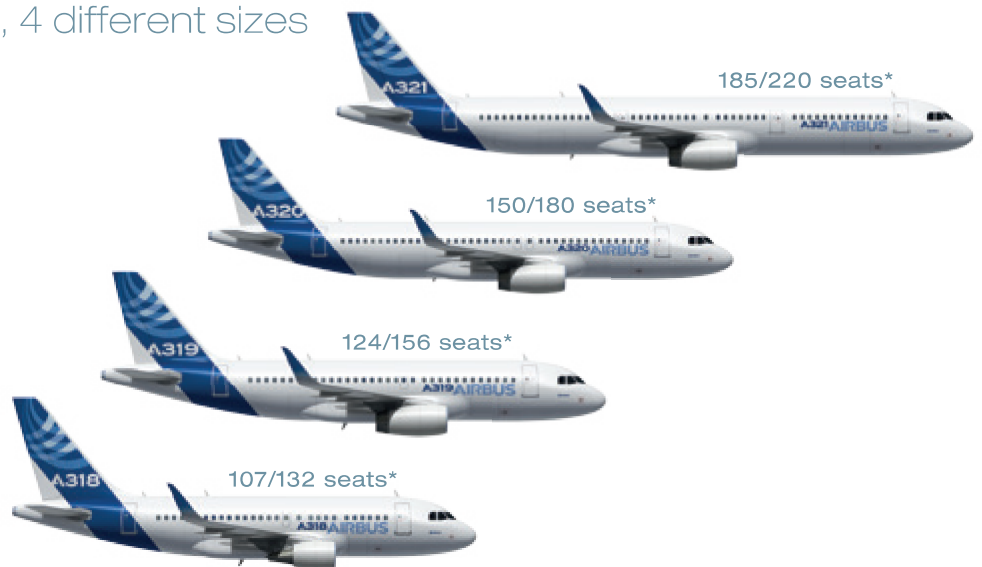


The A320 Family is one aircraft in four sizes, with the same wide cross-section: the A318, A319, A320 and A321 have the same systems, cockpit, operating and maintenance procedures and pilot type rating.

Covering the 100-220 seat market and flying up to 4,200nm/7,750km, the A320 Family has wide market appeal and unparalleled worldwide success.

The A320 Family totally redefines the level of comfort, efficiency and technology delivered to operators and passengers.

1 aircraft, 4 different sizes



*2 class / high density seat counts shown

Flexibility to fit every market:
from “all business”
to “high density”



widest cabin, widest appeal



A320 Family

Spacious overhead stowages



New cabin lighting



New PSU design
with longer life
LED lighting



Cabin
Intercommunication
Data System - CIDS



Fast and easy trouble-shooting

Centralised maintenance to ensure high operational reliability and short turnarounds.

The Centralised Fault Display System (CFDS) enables quick and efficient line maintenance as it:

- analyses failure sequences
- displays/prints diagnostic data
- identifies failed components for all A320 Family systems, not the case on 737NG

CFDS connected systems

	A320 Family	737NG
Air Conditioning	•	
Ice Protection	•	
Autoflight	•	•
Indicating / recording	•	•
Communication	•	
Landing Gear	•	
Electrical Power	•	
Navigation	•	•
Fire Protection	•	
Pneumatic	•	
Flight Controls	•	
Water & waste	•	
Fuel	•	
APU	•	
Hydraulic	•	•
Powerplant	•	•



The largest cargo holds

The wider fuselage of the A320 Family translates into roomier cargo compartments. This gives baggage handlers a superior working space inside the hold, easing and reducing handling time.

The A319, A320 and A321 offer airlines a containerised baggage/cargo system that saves handling time. This containerised system is not possible on narrower aircraft, it significantly speeds turnaround, reduces damage and bad weather spoilage, and enhances cargo opportunities.



The A320 offers a choice between bulk or containerised baggage and cargo to maximise upload during short turns.



Wide fuselage for more efficiency and comfort

The 7-inch width advantage over the 737 provides a wide range of benefits.



A320 Family: wider aisle for faster turnarounds.



A320 Family: wider seat for more comfort.



The new eco-efficient option for a greener world



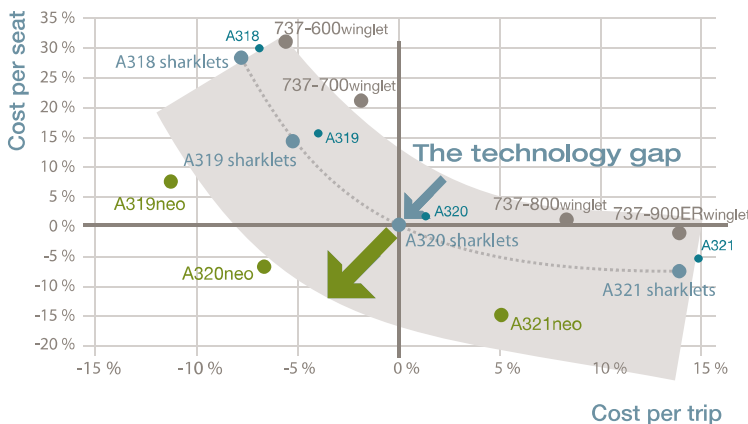
Two new engine options :
CFMI Leap-1A and Pratt&Whitney PW1100G

15% fuel burn savings

500nm more range



A320 Family Technology reduces operating costs



The efficient use of advanced and well-proven technology has a significant impact on operating costs, the A321 having the lowest operating cost per seat of any single-aisle airliner.

- Fly-by-Wire
- Centralised Fault Display System (CFDS)
- Advanced wing design
- High-bypass ratio engines
- Advanced materials
- Performance improving systems (HUD, EFB, RNP)
- Sharklets further improve aerodynamic efficiency providing up to 3.5% lower fuel burn
- New fuel saving engine options CFMI Leap-1A and PW1100G.



The best keeps getting better with the A320neo



The best selling Airbus A320 Family has been further enhanced with the offer of new fuel saving engine options.

The A320neo Family also incorporates fuel saving large wing tip devices called Sharklets and will enter service end 2015.

The A320neo will deliver fuel savings of 15%, which represents 3600 tonnes of CO₂ savings annually and a double-digit reduction in NO_x emissions.

A320neo customers will benefit from reduced engine noise, lower operating costs and a 500nm increase in range.



Over \$5m specification advantage for the A320 Family

The A320 Family has a much richer specification (Standard and SFE).

All navigation, communications, cabin equipment required for operations such as dual FMS, Selcal Integration, 8.33kHz channel spacing, provision for forward and aft galleys are included in the A320 Family standard specification, but not in that of the 737NG.



Opening New Horizons

	A318	A319	A319 neo	A320	A320 neo	A321	A321 neo
Typical Seats	107	124	124	150	150	185	185
Range nm	3 200	3 700	4 200	3 300	3 700	3 200	3 700
Range km	5 950	6 850	7 750	6 100	6 850	5 950	6 850
MTOW tonnes basic	59.0	64.0	64.0	73.5	73.5	89.0	89.0
MTOW tonnes highest option	68.0	75.5	75.5	78.0	79.0	93.5	93.5
Typical thrust lb slst	22 000	24 000	24 000	27 000	27 000	33 000	33 000



A320neo and A321neo range capabilities open new horizons

A321 range capability makes the A321 the ideal 757 replacement



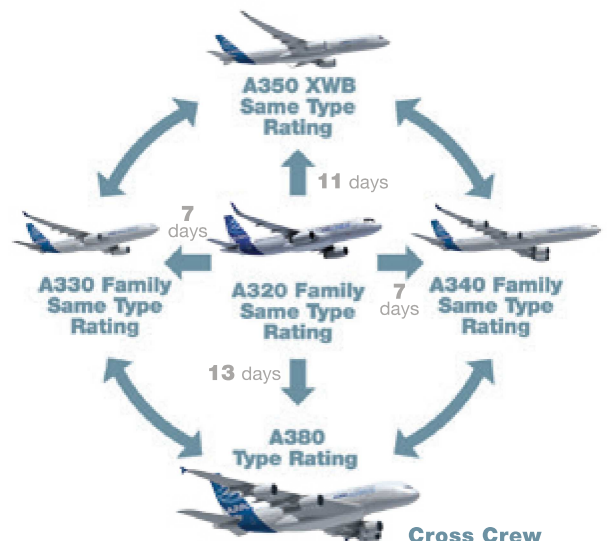
Flight Operational Commonality

The A320 Family features a common flight deck and virtually identical flying qualities with those of the A330, A340, A350 XWB and A380 Families.

Airlines benefit from significant savings through reduced training requirements and a common pool of pilots.



A320 flight deck



Cross Crew Qualification and Mixed Fleet Flying capability



The market leader

The A320 Family is the best selling aircraft family ever.

Since introducing the benefits of fly-by-wire, non-stop innovation has continually improved performance, reducing fuel burn, emissions and noise levels across the A320 Family.

The widest single-aisle fuselage allows wider seats and aisles, more cabin stowage for a more comfortable flight and the use of cargo containers underfloor.

Latest orders and deliveries figures are available on www.airbus.com



A320 Family worldwide map of airport operations



With its wide customer base, the A320 Family has a large worldwide presence



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