

Narrow-Body Aircraft Market Forecasts to 2034 – Global Analysis By Aircraft Type (Single-Aisle Aircraft, Short-Haul Aircraft, Medium-Haul Aircraft, Next-Generation Narrow-Body Aircraft and Other Aircraft Types), Propulsion Type, Range, Application, End User and By Geography

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Abstracts

According to Statistics MRC, the Global Narrow-Body Aircraft Market is accounted for \$88.0 billion in 2026 and is expected to reach \$148.6 billion by 2034 growing at a CAGR of 6.8% during the forecast period. Narrow-Body Aircraft are single-aisle aircraft designed primarily for short- to medium-haul flights. They typically have a seating capacity of up to 200 passengers and are widely used by commercial airlines for domestic and regional routes. These aircraft offer fuel efficiency, operational flexibility, and cost-effectiveness. Demand is driven by increasing air travel, low-cost carriers, and expanding regional connectivity. Manufacturers are focusing on improving fuel efficiency, passenger comfort, and environmental performance through advanced materials and engine technologies.

Market Dynamics:

Driver:

Increasing demand for short-haul flights

Rising passenger traffic on domestic and regional routes has intensified the need for efficient, cost-effective aircraft. Low-cost carriers are expanding aggressively, relying heavily on narrow-body fleets to maximize profitability. Airlines prefer narrow-body

aircraft for their operational flexibility and lower fuel consumption compared to wide-body models. The growth of point-to-point travel further strengthens adoption. Collectively, these factors ensure sustained demand for narrow-body aircraft worldwide.

Restraint:

High acquisition and maintenance costs

Airlines face substantial capital expenditure when procuring new-generation narrow-body models. Maintenance costs, including engine overhauls and avionics upgrades, add further financial strain. Smaller carriers and emerging market operators often struggle to justify these expenses. Rising costs of spare parts and skilled labor exacerbate the challenge. These factors limit the pace of fleet expansion and modernization.

Opportunity:

Expansion in emerging aviation markets

Expansion in emerging aviation markets presents strong opportunities for narrow-body aircraft growth. Countries in Asia, Africa, and Latin America are witnessing rapid increases in passenger traffic. Rising middle-class populations and disposable incomes drive demand for affordable air travel. Governments are investing in airport infrastructure to support regional connectivity. Airlines in these markets are prioritizing narrow-body acquisitions to serve short-haul and medium-haul routes efficiently.

Threat:

Fluctuating fuel prices impacting operations

Sudden increases in fuel costs directly impact airline profitability. Operators face challenges in maintaining competitive ticket pricing while absorbing higher operating expenses. Volatility in global energy markets adds uncertainty to fleet planning. Airlines may delay acquisitions or reduce flight frequencies during periods of high fuel prices. These factors collectively undermine market stability.

Covid-19 Impact:

The Covid-19 pandemic disrupted the narrow-body aircraft market through reduced

passenger traffic and delayed fleet deliveries. Airlines postponed investments in new aircraft to conserve capital. Supply chain disruptions affected the availability of critical components. However, recovery in domestic and regional travel has reignited demand for narrow-body fleets. Low-cost carriers leveraged narrow-body aircraft to restart operations quickly. The pandemic also accelerated interest in fuel-efficient models to reduce operational costs.

The turbofan engines segment is expected to be the largest during the forecast period

The turbofan engines segment is expected to account for the largest market share during the forecast period as they are indispensable for modern narrow-body aircraft. Airlines prioritize turbofan engines for their ability to reduce fuel consumption and operating costs. OEMs continue to deliver advanced turbofan models with improved thrust-to-weight ratios. Long replacement cycles ensure sustained demand across fleets. This guarantees the segment's leadership in the narrow-body aircraft market.

The leasing companies segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the leasing companies segment is predicted to witness the highest growth rate due to increasing reliance on asset-light business models. Airlines seek to minimize financial risk by leasing rather than purchasing aircraft outright. Leasing companies provide operational flexibility, enabling carriers to adjust fleet sizes based on demand. The rise of low-cost carriers further accelerates leasing adoption. As leasing becomes a critical enabler of fleet expansion, this segment will expand rapidly across global markets.

Region with largest share:

During the forecast period, the Asia Pacific region is expected to hold the largest market share owing to rapid growth in passenger traffic and fleet expansion. Countries such as China, India, and Southeast Asia are witnessing strong demand for short-haul flights. Airlines in the region are investing heavily in narrow-body acquisitions to serve domestic and regional routes. Government support for aviation infrastructure further strengthens adoption. With expanding middle-class populations, Asia Pacific will remain the largest regional market.

Region with highest CAGR:

Over the forecast period, the Middle East & Africa region is anticipated to exhibit the highest CAGR driven by rising investments in aviation infrastructure and growing passenger traffic. Airlines in the Middle East are expanding fleets to strengthen regional connectivity and international operations. African carriers are increasingly adopting narrow-body aircraft to serve emerging domestic markets. The rise of low-cost carriers further accelerates demand. With strong economic growth and increasing air travel penetration, this region will remain the fastest-growing market.

Key players in the market

Some of the key players in Narrow-Body Aircraft Market include Airbus SE, The Boeing Company, Embraer S.A., COMAC, Irkut Corporation, ATR, Mitsubishi Aircraft Corporation, Safran S.A., Rolls-Royce Holdings plc, General Electric Company, Pratt & Whitney, Honeywell International Inc., CFM International, Spirit AeroSystems, Inc. and GKN Aerospace.

Key Developments:

In December 2025, Airbus successfully completed the acquisition of several Spirit AeroSystems work packages, including the critical A350 and A220 production lines in Belfast and Casablanca. This technical partnership allows Airbus to take direct control over its primary structure supply chain, ensuring better quality oversight as it ramps up A321neo production toward record levels.

In August 2024, COMAC became the first carrier to receive the C919-100 ER, an extended-range variant of China's indigenous narrow-body jet. This expansion agreement extends the aircraft's range to 5,555 kilometers through an increased maximum take-off weight, allowing the 'Big Three' Chinese carriers to deploy the type on more demanding domestic and regional routes.

Aircraft Types Covered:

Single-Aisle Aircraft

Short-Haul Aircraft

Medium-Haul Aircraft

Next-Generation Narrow-Body Aircraft

Other Aircraft Types

Propulsion Types Covered:

Turbofan Engines

Turboprop Engines

Other Propulsion Types

Ranges Covered:

Short Range (6,000 km)

Applications Covered:

Passenger Transport

Low-Cost Carrier Operations

Charter Services

Regional Connectivity

Other Applications

End Users Covered:

Commercial Airlines

Leasing Companies

Government & VIP Operators

Charter Operators

Other End Users

Regions Covered:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Italy

Spain

Netherlands

Belgium

Sweden

Switzerland

Poland

Rest of Europe

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Thailand

Malaysia

Singapore

Vietnam

Rest of Asia Pacific

South America

Brazil

Argentina

Colombia

Chile

Peru

Rest of South America

Rest of the World (RoW)

Middle East

Saudi Arabia

United Arab Emirates

Qatar

Israel

Rest of Middle East

Africa

South Africa

Egypt

Morocco

Rest of Africa

What our report offers:

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2023, 2024, 2025, 2026, 2027, 2028, 2030, 2032 and 2034
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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Note: Tables for North America, Europe, APAC, South America, and Rest of the World (RoW) are also represented in the same manner as above.

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