

Aircraft Computer - Global Market Outlook (2020-2028)

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Abstracts

According to Statistics MRC, the Global Aircraft Computer market is accounted for \$7.61 billion in 2020 and is expected to reach \$14.18 billion by 2028 growing at a CAGR of 8.1% during the forecast period. Some of the key factors propelling the market growth include the increasing aircraft deliveries across the globe, rising demand for aircraft computers among end-user, including OEMs, increasing use of electronic systems and computers in aircraft, rise in focus on modernization of the existing aircraft fleet, increase in retrofit activities in the general aviation industry, and rising focus on reducing the workload of aircraft pilots. However, existing backlogs in aircraft deliveries is restricting the market growth.

An aircraft computer is an electronic device which is used in aircraft for monitoring and control of several aircraft functions. Various types of aircraft computers are available in the market. These include flight controls, flight management computers, mission computers, engine controls, and utility controls. Use of aircraft computers helps reduce the workload of aircraft pilots. Moreover, it is used every part of the aircraft where it is used to control them in flight as well as to reach their destination. It helps the aircraft to enhance the security of the travellers and diminishing the outstanding burden of the pilot.

By platform, the unmanned aerial vehicle (UAV) segment is projected to grow at the significant rate during the forecast period, owing to rising demand for aircraft computers in unmanned aerial vehicles (UAVs) and the increasing application of UAVs in the commercial and defence sectors. Hence, advanced aircraft computers are required to avoid unmanned aerial traffic and offer enhanced navigation capabilities to pilots.

On the basis of geography, Asia Pacific aircraft computers market will witness significant growth over the forecast timeframe due to the rise in requirement of narrow body aircraft for commercial aviation, high air passenger traffic, leading to an increase in

the number of aircraft deliveries in this region, and increasing acquisition of defence aircraft by various countries owing to ongoing geopolitical disputes. The introduction of LCC models in commercial aviation has significantly reduced the cost of air travel. Increasing GDP and per capita income of individuals across Asia Pacific are reducing rates of air travel, augmenting the market growth.

Some of the key players in Aircraft Computer Market include Rockwell Collins, Honeywell International Inc., Safran S.A., The Curtiss-Wright Corporation, Cobham plc, Saab AB, United Technologies Corporation, Esterline Technologies Corporation, BAE Systems PLC, Thales Group, Boeing, Bombardier Inc., Kontron S&T AG, GE Aviation, Garmin Ltd., General Dynamics Mission Systems, Inc., and Raytheon Technologies Corporation.

Platforms Covered:

Rotary-Wing Aircraft

Fixed-Wing Aircraft

Unmanned Aerial Vehicle (UAV)

Single Aisle Aircraft

Twin Aisle Aircraft

Components Covered:

Software

Hardware

Types Covered:

Mission Computers

Engine Controls

Flight Management Computers (FMC)

Flight Controls

Utility Controls

Applications Covered:

Military

Commercial

Para-Military

Civil

Sales Channels Covered:

Aftermarket

Original Equipment Manufacturer (OEM)

End Users Covered:

Installed Base

New Build

Upgrades

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

France

Italy

UK

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & 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 2019, 2020, 2021, 2025 and 2028

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis, etc.

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

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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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