

Global Anti-aircraft Warfare Market Size study, by Component (Radar Systems, Weapon Systems, Electronic Warfare (EW) Systems, Command and Control Systems), by Platform (Land, Naval, Airborne), by Type (Short-range, Medium-range, Long-range) and Regional Forecasts 2022-2032

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Abstracts

Global Anti-aircraft Warfare Market is valued approximately at USD 20.6 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 5.5% over the forecast period 2024-2032. Anti-aircraft Warfare (AAW) refers to the military tactics and systems designed to detect, track, intercept, and destroy enemy aircraft or missiles targeting friendly forces or civilian assets. This type of warfare encompasses a wide range of defensive measures and offensive capabilities aimed at countering aerial threats. Historically, AAW has evolved significantly with advancements in radar technology, surface-to-air missiles (SAMs), anti-aircraft guns, and electronic warfare systems. Modern AAW systems often integrate multiple layers of defense, including long-range surveillance radars to detect incoming threats, command and control networks to coordinate responses, and sophisticated missile systems capable of engaging targets at various altitudes and ranges.

The Anti-aircraft Warfare Market is witnessing significant growth due to escalating geopolitical tensions and regional instability. As nations grapple with the imperative of securing their airspace amidst these volatile conditions, the demand for advanced anti-aircraft systems is surging. Countries experiencing political or military uncertainties are particularly investing heavily in robust defense infrastructures to counter potential aerial threats effectively. Modern warfare's evolving dynamics, characterized by sophisticated aerial threats such as drones, missiles, and advanced aircraft, are pivotal in driving the

Anti-aircraft Warfare market. Governments and defense forces worldwide are prioritizing the development and acquisition of cutting-edge anti-aircraft systems to counter these emerging threats. For instance, in April 2023, the Chinese People's Liberation Army received new self-propelled anti-aircraft systems, equipped with a combination of rotary cannons, missile launchers, radar systems, and smoke dischargers, integrated onto a wheeled platform, enhancing their defensive capabilities. The complexity of developing advanced anti-aircraft systems poses technological challenges. Integrating state-of-the-art technologies, such as artificial intelligence, precision targeting, and radar capabilities, demands substantial R&D efforts. Despite these hurdles, continuous innovation is essential to keep pace with the rapid advancements in aerial threats and to ensure the effectiveness and deployment of sophisticated defense systems.

The key regions considered for the Global Anti-aircraft Warfare Market study include Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. In year 2023, North America dominates Anti-aircraft Warfare market, driven by its diverse security challenges and potential threats. The region's robust investments in cutting-edge defense technologies and the presence of leading defense contractors and research institutions further fuel market growth. Collaborative efforts between government agencies and private defense companies are fostering a dynamic ecosystem, positioning North America as a hub for advanced anti-aircraft system development and deployment. Moreover, Asia Pacific is projected to registered fastest growth during the projected period owing to rising government support and rising research and development activities related to development of Anti-aircraft Warfare in the region.

Major market players included in this report are:

Rafael Advanced Defense Systems Ltd.

Lockheed Martin Corporation

Thales Group

Leonardo S.p.A.

Rheinmetall AG

BAE Systems

Israel Aerospace Industries Ltd.

Northrop Grumman Corporation

Raytheon Technologies Corporation

Kongsberg Gruppen ASA

Saab AB

MBDA

General Dynamics Corporation

Elbit Systems Ltd.

Aerojet Rocketdyne Holdings, Inc.

The detailed segments and sub-segment of the market are explained below:

By Component:

Radar Systems

Weapon Systems

Electronic Warfare (EW) Systems

Command and Control Systems

By Platform:

Land

Naval

Airborne

By Type:

Short-range

Medium-range

Long-range

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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