

Autonomous Weapons Market is Projected to Grow Expeditiously: to Reach USD 30.16 Billion by 2030, Report

The global autonomous weapons market was valued at \$11.56 billion in 2020, and is projected to reach \$30.16 billion by 2030, registering a CAGR of 10.4%.



Autonomous Weapons Market - By type, the autonomous segment is anticipated to exhibit significant growth in future.

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Allied Market Research

WILMINGTON, DE, UNITED STATES, February 19, 2025 /EINPresswire.com/ -- Allied Market Research published a report, titled, "[Autonomous Weapons Market](#) by Product (Missiles, Munitions, Guided Rockets, Guided Projectiles, Hypersonic [Weapons](#), and Others), Platform (Land, Airborne, and Naval), and Type (Semi-Autonomous and Autonomous): Global Opportunity Analysis and Industry Forecast, 2021–2030." According to the report, the global [autonomous weapons](#) industry generated \$11.56 billion in 2020, and is estimated to reach \$30.16 billion in 2030,

witnessing a CAGR of 10.4% from 2021 to 2030.

Drivers, restraints, and opportunities

Rise in number of autonomous defense vehicles, drones, and robots and increase in investments in R&D activities drive the growth of the global autonomous weapons market. However, issues related to accountability and misuse of such technology by unauthorized people hinder the market growth. On the other hand, adoption of autonomous technologies to lower down operational costs and increase efficiency creates new opportunities in the coming years.

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The missiles segment to offer lucrative opportunities

Based on product, the missiles segment held the highest share in 2020, accounting for nearly one-third of the global autonomous weapons market, and is estimated to continue its leadership

status during the forecast period. Moreover, this segment is expected to witness the largest CAGR of 12.5% from 2021 to 2030. This is attributed to high demand for a number of precise, long- and short-range missile systems to protect the national assets by defense forces worldwide. The research also analyzes the segments including munitions, guided rockets, guided projectiles, hypersonic weapons, and others.

The semi-autonomous segment to continue its lead position during the forecast period

Based on type, the semi-autonomous segment contributed to the largest share in 2020, holding nearly two-thirds of the global autonomous weapons market, and is estimated to continue its lead position during the forecast period. This is due to high demand for semi-autonomous weapons as they encompass artificial and human intelligence capabilities. However, the autonomous segment is projected to register the largest CAGR of 11.9% from 2021 to 2030, owing to excellent capabilities of autonomous weapons in handling attacks.

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North America to grow at the fastest rate during the forecast period

Based on region, North America is expected to portray the fastest CAGR of 11.5% during the forecast period, owing to surge in adoption of autonomous weapons, huge spending in the defense sector, and the presence of major defense equipment manufacturers. However, Asia-Pacific held the highest market share in 2020, contributing to more than one-third of the global autonomous weapons market, and is estimated to continue its dominance in terms of revenue by 2030. This is due to rise in conflicts among various nations in the region and the consequent increase in demand for autonomous weapons to protect against unexpected attacks.

Leading Market Players

BAE Systems plc

Israel Aerospace Industries Ltd.

Kongsberg Gruppen ASA

Lockheed Martin Corporation

MBDA

Northrop Grumman Corporation

Rafael Advanced Defense Systems Ltd.

Raytheon Technologies Corporation

Rheinmetall AG

Thales Group

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Key Findings Of The Study

By product, the missiles segment is expected to register a significant growth during the forecast period.

By type, the autonomous segment is anticipated to exhibit significant growth in future.

By platform, the airborne segment is projected to lead the global autonomous weapons market, owing to higher CAGR as compared to defense forces segment.

By region, North America is anticipated to register the highest CAGR during the forecast period.

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