

Cargo Drones Market Size Worth \$16.9 Billion by 2032 With CAGR of 38.1%

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WILMINGTON, DE, UNITED STATES, October 13, 2025 /EINPresswire.com/ -- The global <u>cargo drones market size</u> generated \$0.68 billion in 2022 and is anticipated to generate \$16.9 billion by 2032, witnessing a CAGR of 38.1% from 2023 to 2032.



The growth of the global cargo drones market is driven by factors such as rise of e-commerce, an increase in demand for faster delivery & improved efficiency in freight transportation, and surge in environmental concerns to reduce CO2 emissions and carbon footprint. However, high initial cost and regulatory compliance hamper the growth of the market. On the contrary, technological advancements, and the integration of cargo drones in middle-mile logistics are expected to offer remunerative opportunities for the expansion of the cargo drones market during the forecast period.

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Testing of technologically advanced drones are continuously reshaping the cargo drones market. For instance, in June 2022, the Aviation Industry Corporation of China (AVIC), an aircraft manufacturer from China conducted test flights with its new drone, the TP500. Moreover, the country explores the use of cargo drones for military logistics, surveillance, and reconnaissance purposes. These cargo drones can transport military supplies, equipment, and personnel to areas that are difficult to reach by road or air. For instance, in April 2022, the Chinese People's Liberation Army (PLA) Joint Logistics Support Force organized an inspection event to find the drone to enhance the Chinese military's logistics support capabilities and boost the PLAs' overall combat capabilities. Therefore, the development and deployment of cargo drones to enhance the military operations drive the growth of the market.

Cargo drones are increasingly being used in the country in the healthcare industry to deliver vital supplies like drugs, diagnostic samples, vaccines, blood, and related components. Moreover, China is focused on investing in the design, research, and development of cargo drones to keep up with the growth in e-commerce. For instance, in January 2023, AirWhiteWhale, a Chinese unmanned aircraft manufacturer announced to raise \$14.7 million and \$22.1 million for the development of a fleet of cargo drones.

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Japan aims at the adoption of cargo drones to transport goods and speed up the movement of equipment in remote locations. Cargo drones are increasingly being used for various industries such as civil engineering or construction sites, agricultural fields, and others. For instance, in December 2022, Japan Post, the national mail service announced full-scale drone delivery services. Moreover, there is a rise in the development and testing of cargo drones in the country. For instance, in February 2020, SkyDrive Inc., a Japanese cargo drone developer launched test flights of a cargo drone.

The government of India has increased its emphasis on the drone sector owing to the rising popularity of cargo drones in the country. For instance, according to the Civil Aviation Ministry, India's drone business is expected to generate a total revenue of \$1.63-2.04 billion by 2026, up from its present revenue of around \$ 10.88 million reported in October 2021. India is testing the application of cargo drones in the healthcare sector to deliver vaccines, clinical medications, medical pathological testers, and others. For instance, in September 2021, a drone made a "Beyond Visual Line of Sight" (BVLOS) flight carrying a box of life-saving medicines and vaccines in the Vikarabad district of Telangana under the Medicines from the Sky" project designed to improve healthcare access in remote areas.

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Based on region North America held the highest market share in terms of revenue in 2022, accounting for nearly two-fifths of the global cargo drones market revenue, and is likely to dominate the market during the forecast period, as there is a surge in the use of cargo drones in distribution center logistics to achieve faster delivery times, reduced costs, and increased efficiency. However, the Asia-Pacific region is expected to witness the fastest CAGR of 39.2% from 2023 to 2032, owing to the rise in the e-commerce industry, and the development and deployment of cargo drones to enhance military operations.

Leading Market Players: -

Dronamics Volocopter GmbH Ehang Holdings Ltd Pipistrel d.o.o Singular Aircraft UAVOS Inc Elroy Air NATILUS ARC Aerosystems SkyDrive Inc

The report provides a detailed analysis of these key players of the global <u>cargo drones industry</u>. These players have adopted various strategies such as expansion, new product launches, partnerships, agreements, expansion, and others to increase their market penetration and strengthen their position in the industry. The report is helpful in determining the business performance, operating segments, developments, and product portfolios of every market player.

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David Correa
Allied Market Research
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