

Surge in Demand in the e-commerce Industry Pushing the Cargo Drones Market to \$16.9 Billion Value by 2032, Claims AMR

Cargo Drones Market - By propulsion, the hybrid segment is anticipated to exhibit significant growth in the near future.



The cargo drones market was valued at \$0.68 billion in 2022, and is estimated to reach \$16.9 billion by 2032, growing at a CAGR of 38.1% from 2023 to 2032."

Allied Market Research

WILMINGTON, DE, UNITED STATES, January 30, 2025 /EINPresswire.com/ -- Allied Market Research published a report, titled, "[Cargo Drones Market](#) by Propulsion (Gasoline-powered, Electric, Hybrid, and Others), Wing Type (Fixed-Wing, Multi-Rotor, and Hybrid), Industry (Retail, Healthcare, Agriculture, Defense, and Others, and Payload (0.5 to 100 kg, 101 to 1000 kg, and above 1000 kg): Global Opportunity Analysis and Industry Forecast, 2023-2032". According to the report, the global [cargo drones](#) industry 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.

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Prime determinants of growth

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.

The electric segment to maintain its leadership status throughout the forecast period

Based on propulsion, the electric segment held the highest market share in 2021, accounting for

more than two-fifths of the global cargo drone market revenue, and is estimated to maintain its leadership status throughout the forecast period. As concerns over climate change and environmental sustainability continue to grow resulting in increased demand for cargo drones. However, the hybrid segment is projected to manifest the highest CAGR of 39.4% from 2022 to 2031, owing to the rise in popularity of hybrid drones in industries such as logistics and transportation, where there is a need for drones that can carry heavier payloads over longer distances.

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The retail segment to maintain its lead position during the forecast period

Based on industry, the retail segment accounted for the largest share in 2022, accounting for more than two-fifths of the global cargo drones market revenue, and is estimated to maintain its leadership status throughout the forecast period. The growth is attributed to a surge in the expansion of drone delivery services with the technological advancements in drone design. However, the healthcare segment is projected to manifest the highest CAGR of 39.8% from 2022 to 2032, owing to the rise in the use of drones to transport medical supplies, such as drugs, vaccines, and other essential equipment.

North America to maintain its dominance by 2032

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.

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Leading Market Players:

- Dronamics
- Volocopter GmbH
- Ehang Holdings Ltd
- Pipistrel d.o.o
- Singular Aircraft
- UAVOS Inc
- Elroy Air

NATILUS
ARC Aerosystems
SkyDrive Inc

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