

# Global Brushless Axial Fan Market Growth 2026-2032

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## Abstracts

The global Brushless Axial Fan market size is predicted to grow from US\$ 8734 million in 2025 to US\$ 14328 million in 2032; it is expected to grow at a CAGR of 7.4% from 2026 to 2032.

In 2025, global sales of brushless axial fans reached 1.86 billion units, with an average selling price of \$4.8 per unit. Brushless axial fans are ventilation and heat dissipation devices that use brushless DC motors as the core drive unit and achieve continuous and stable airflow through electronic commutation. They are characterized by high efficiency, long lifespan, low noise, and low energy consumption, and are widely used in electronic heat dissipation and industrial ventilation. Their upstream raw materials mainly include silicon steel sheets, copper wire, permanent magnet materials (neodymium iron boron), engineering plastics, aluminum alloys, and PCB control boards. On average, a single unit consumes approximately 45 grams of copper, 120 grams of engineering plastics, and 8 grams of magnets. Key upstream suppliers are concentrated in motor material and electronic component companies, while downstream suppliers mainly include communication equipment manufacturers, server and data center manufacturers, home appliance manufacturers, automotive electronics manufacturers, and energy storage and new energy equipment manufacturers. In 2025, global total production capacity was approximately 2.2 billion units, with an industry average capacity utilization rate of approximately 85% and an overall gross profit margin ranging from 22% to 32%. In terms of downstream consumption, communications and data centers account for approximately 32%, home appliances approximately 28%, industrial equipment approximately 21%, and automotive electronics and new energy approximately 19%. With increasingly stringent energy-saving regulations, higher equipment density, and the expansion of AI computing infrastructure, the demand for brushless axial fans in areas such as efficient heat dissipation, intelligent speed control, and customization continues to rise. In the future, they will have clear incremental business opportunities in server liquid cooling auxiliary

heat dissipation, energy storage systems, and thermal management of new energy vehicles.

United States market for Brushless Axial Fan is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Brushless Axial Fan is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Brushless Axial Fan is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Brushless Axial Fan players cover SPAL Automotive, Sofasco International, YS Tech USA, SHYUAN YA, Delta Electronics, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "Brushless Axial Fan Industry Forecast" looks at past sales and reviews total world Brushless Axial Fan sales in 2025, providing a comprehensive analysis by region and market sector of projected Brushless Axial Fan sales for 2026 through 2032. With Brushless Axial Fan sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Brushless Axial Fan industry.

This Insight Report provides a comprehensive analysis of the global Brushless Axial Fan landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Brushless Axial Fan portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Brushless Axial Fan market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Brushless Axial Fan and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Brushless Axial Fan.

This report presents a comprehensive overview, market shares, and growth

opportunities of Brushless Axial Fan market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Voltage Speed Control

PWM Speed Control

Smart Interface

Segmentation by Bearing Type:

Oil-impregnated Bearings

Ball Bearings

Hydraulic Bearings

Others

Segmentation by Airflow:

Low Airflow:

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