

Blowers and Fans for Printed Circuit Board (PCB) Market - Global Outlook and Forecast 2022-2028

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Abstracts

Blowers and fans are used in electronic printed circuit boards, as well as other places, to generate more airflow across devices, which are sensitive to increases in temperatures. Due to the amount of heat an electronic device can potentially produce, especially when in confined spaces, where natural airflow is not sufficient to maintain proper operating temperatures of the electronics. Blowers and fans are used to induce air flow and create an air cooling effect for the electronic devices that are generating heat, and also sensitive to increases in temperature.

Due to the amount of computing power found in most desktop style computers, heat is easily generated and often becomes a primary concern for the overall stability and operation of the electrical system. In fact, for some systems, blowers and fans, which generated air, cooled effects, are simply not sufficient, and cannot keep up with the amount of heat load generated. For systems where this is the case – water-cooled systems are required to maintain safe operating conditions for the electrical components. These systems are usually found in large supercomputers and also are found in most server farms.

For most applications blowers and fans suffice. It is also interesting to note, that more and more mobile computing systems are trying to design their systems, so they are power efficient and don't generate as much heat as older systems. This provides a benefit to the network, as now almost all mobile systems have omitted the use of fans and blowers. By designing more power efficient systems, it now extends the battery life, as it is not required to burn battery power by running blowers and fans.

This report contains market size and forecasts of Blowers and Fans for Printed Circuit Board (PCB) in global, including the following market information:

Global Blowers and Fans for Printed Circuit Board (PCB) Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Blowers and Fans for Printed Circuit Board (PCB) Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Blowers and Fans for Printed Circuit Board (PCB) companies in 2021 (%)

The global Blowers and Fans for Printed Circuit Board (PCB) market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

0-1000 r/min Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Blowers and Fans for Printed Circuit Board (PCB) include DeltaElectronics, Sanyo Denki, Orion Fans, Aavid, Adafruit Industries, ADDA, Advantech, Artesyn and Embedded Technologies, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Blowers and Fans for Printed Circuit Board (PCB) manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Blowers and Fans for Printed Circuit Board (PCB) Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Blowers and Fans for Printed Circuit Board (PCB) Market Segment Percentages, by Type, 2021 (%)

0-1000 r/min

1000-2000 r/min

2000-4000 r/min

Above 4000 r/min

Global Blowers and Fans for Printed Circuit Board (PCB) Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Blowers and Fans for Printed Circuit Board (PCB) Market Segment Percentages, by Application, 2021 (%)

0-5 W

5-10 W

10-50 W

Above 50 W

Global Blowers and Fans for Printed Circuit Board (PCB) Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Blowers and Fans for Printed Circuit Board (PCB) Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Blowers and Fans for Printed Circuit Board (PCB) revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Blowers and Fans for Printed Circuit Board (PCB) revenues share in global market, 2021 (%)

Key companies Blowers and Fans for Printed Circuit Board (PCB) sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Blowers and Fans for Printed Circuit Board (PCB) sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

DeltaElectronics

Sanyo Denki

Orion Fans

Aavid

Adafruit Industries

ADDA

Advantech

Artesyn

Embedded Technologies

Bud Industries

Comair Rotron

Culina

MfgCorp

Fischer Elektronik

Minebeamistumi

Omron

Schroff GmbH

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