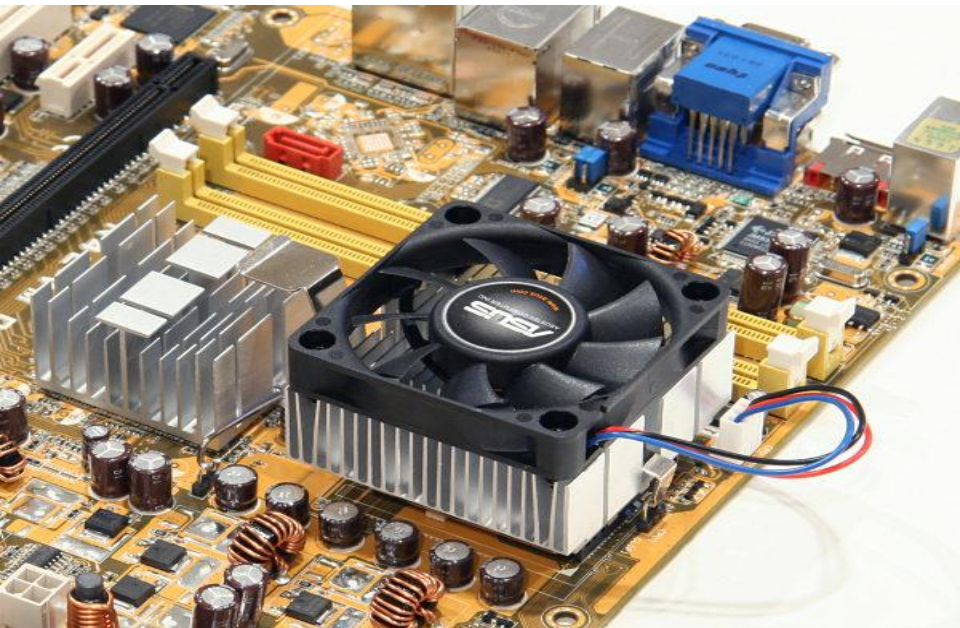


# Global Cooling Fan Market: Size, Trends & Forecasts (2017-2021)

September 2017



# Global Cooling Fan Market

## Scope of the Report

The report entitled "Global Cooling Fan Market: Size, Trends & Forecasts (2017-2021)", provides a detailed analysis of the global cooling fan market in terms of value as well as volume. The analysis includes market size in terms of value, market share by segment and by end-applications. The report also provides a detailed analysis of global IT products and server cooling fan market by value, volume and market share by segment.

Furthermore, the report also assesses the key opportunities available in the market and outlines the factors that are and will be driving the growth of the industry. Growth of the overall global cooling fan market has also been forecasted for the period 2017-2021, taking into consideration the previous growth patterns, the growth drivers and the current and future trends.

The global cooling fan market is dominated by only 7-8 key players capturing more than one-fourth of the market share globally. The ebm-papst, Delta Electronics, Sunonwealth and Nidec Corporation are top four major players of the global cooling fan market whose company profiling has been done in the report. This segment of the report summarizes business overview, financial overview and the business strategies adopted by respective companies.

## Company Coverage

ebm-papst

Delta Electronics

Sunonwealth

Nidec Corporation

# Global Cooling Fan Market

## Executive Summary

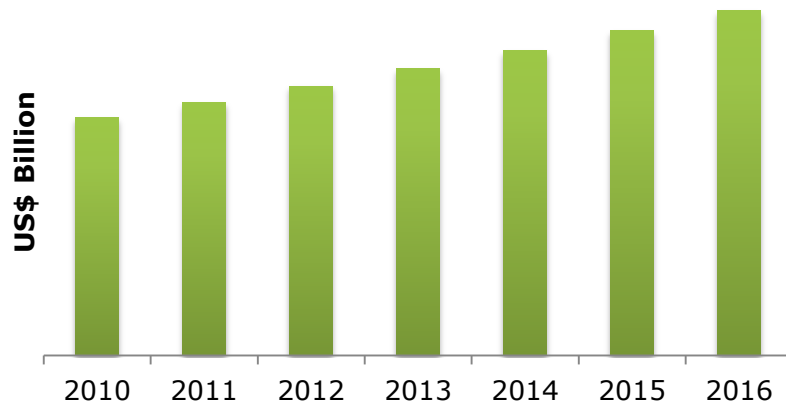
Cooling fan is a device which is primarily used in dissipation of heat from almost all electronic devices which require some types of heat management modules in order to keep the temperature under control for their efficient performance. These fans are one of the most critical parts of the heat management system especially in PCs, servers and automobile industry. Cooling fans are the most effective, economical, and reliable way to ventilate heated air out of devices.

Now days cooling fans are used in almost all major industries but the major end-users of the product are: IT/sever, automobile, home appliance, and industrial. The equipments used in these industries generate a considerable amount of heat which is capable of damaging machinery. Therefore, the use of a cooling fan is vital for protecting the optimal functioning and the life of machinery. A wide variety of cooling fans such as axial fans, centrifugal fans etc. are available according to the specifications of different industries.

The global cooling fan market has shown upward trends over the past few years and is expected to grow further at a rapid pace in the forecasted period i.e. 2017 to 2021. The global cooling fan market is expected to grow on the back of rising industrial PC market, growing IoT devices demand, increasing adoption of advanced driver assistance systems (ADAS), rising home appliance industry etc. Yet the growth of the market is restrained by some factors such as barriers to entry, critical designing of cooling fans and requirement of highly skilled labors.

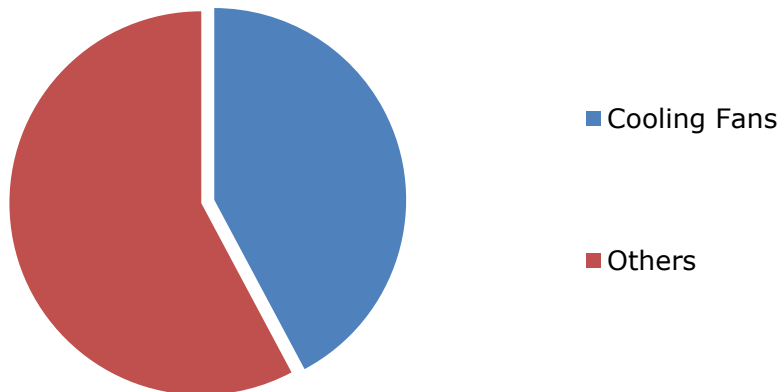
# Global Heat Management Market

Global Heat Management Market by Value;  
2010-2016(US\$ Billion)



The global heat management market has shown upward trends over the past six years and grew at a compound annual growth rate of .....% over the years 2010-2016. In 2015, the market was valued at US\$.... billion which inclined to US\$.... billion in 2016 with YOY growth rate of .....%.

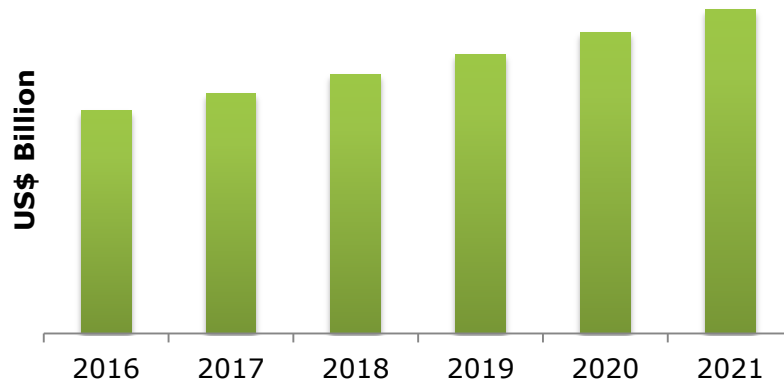
Global Heat Management Market by Segment;  
2016



Of the total heat management market, cooling fans had accounted for .....% share in 2016. The cooling fan market is expected to grow at a much higher rate as compared to the heat management market. Other cooling devices/methods such as heat pipe, heat sink, liquid cooling systems, etc. together accounted for .....% share in the overall heat management market.

# Global Cooling Fan Market

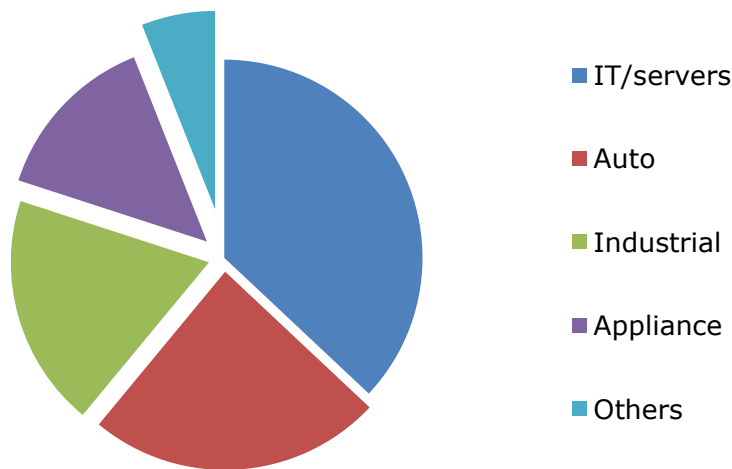
**Global Cooling Fan Market by Value;  
2016-2021E (US\$ Billion)**



The global cooling fan market is anticipated to reach US\$.... billion in 2017 from US\$... billion in 2016 with an annual growth rate of .....%. Use of cooling fans to a wide range of products in industrial applications, including industrial PCs, robotics and refrigeration is expected to drive the demand for cooling fans in the forecasted period.

The global cooling fan market is estimated to reach US\$..... billion by the end of 2021 with a compound annual growth rate of ....% over the years 2017 to 2021.

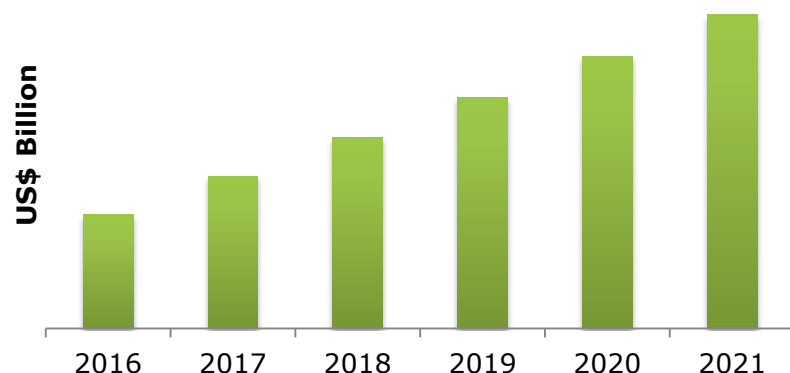
**Global Cooling Fan Market Share by End-Applications; 2016**



Major end-users/applications of cooling fans are IT/servers, auto industry, industrial and appliances. In 2016, IT/servers industry was the major end user of cooling fans and accounted for .....% share in the global market. Automobile and industrial segment, contributed .....% and .....% share respectively. Home appliances accounted for .....% share in the total market.

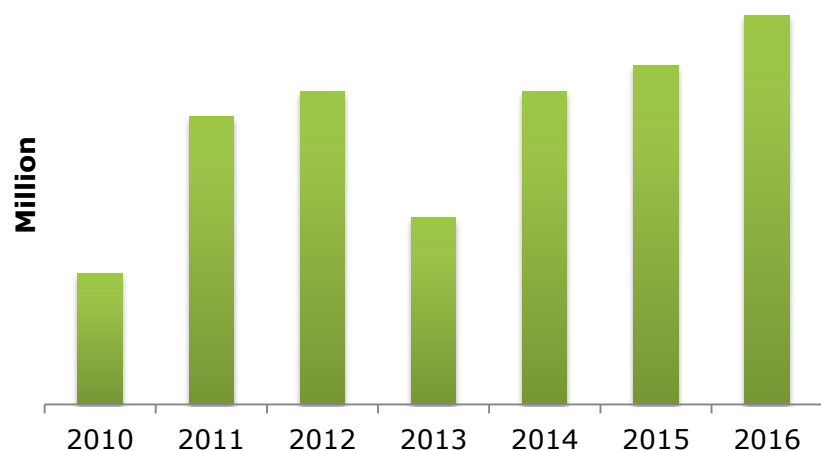
# Global IT Products and Servers Cooling Fan Market Analysis

Global IT Products and Servers Cooling Fan Market by Value; 2016-2021E (US\$ Billion)



The global IT products and servers cooling fan market was valued at US\$.... billion in 2016 and is expected to attain a value of US\$.... billion in 2017 with YOY growth rate of ....%. IT/sever industry is the major end-user of cooling fan with the highest market share. The market is projected to grow at a compound annual growth rate of .....% over the period spanning from 2017 to 2021.

Global IT Products and Server Cooling Fan Market by Volume; 2010-2016 (Million Units)

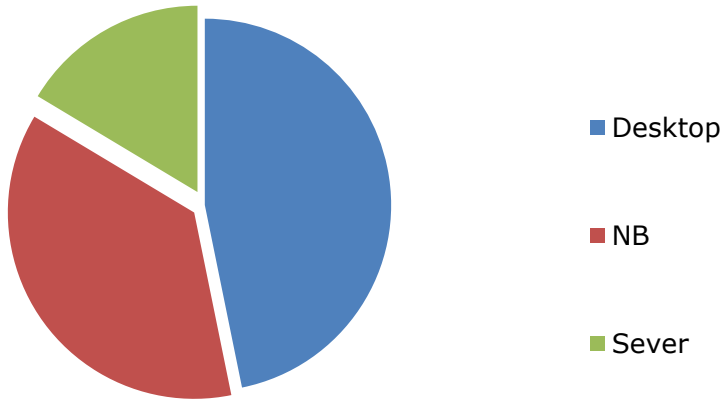


In 2013, demand for cooling fan were .....million units which rose to ..... million units in 2016. Over the years 2010 to 2016, demand grew at a CAGR of .....%. Growing demand for PCs and servers in turn boost the market for cooling fans.

In the forecasted period, the market is expected to grow at a compound annual growth rate of .....%. From ..... million units in 2017, the global demand for cooling fan in IT industry is projected to reach ..... million units by 2021.

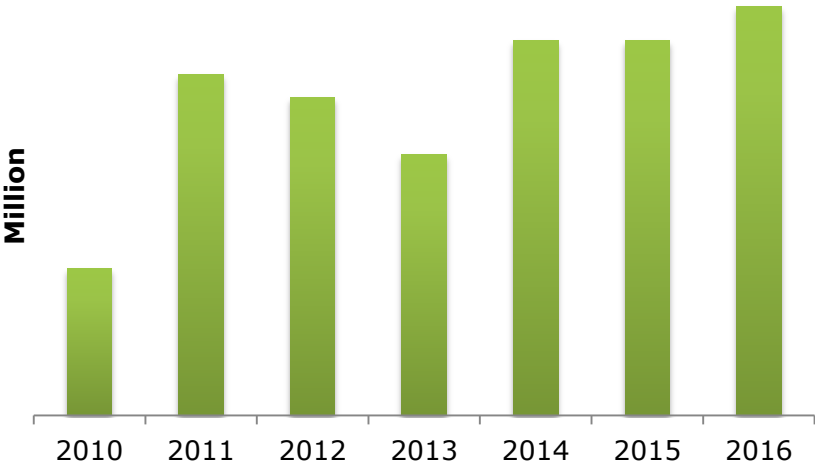
# Global IT Products and Servers Cooling Fan Market Analysis

Global IT Products and Servers Cooling Fan Market by Segment; 2016



IT products include desktop, NB (Northbridge), servers etc. In terms of volume, desktop was the largest user of cooling fans in IT industry. ....% share of the total market had captured by desktop while that of NB and server accounted for .....% and .....% share of the global cooling fan market in volume terms.

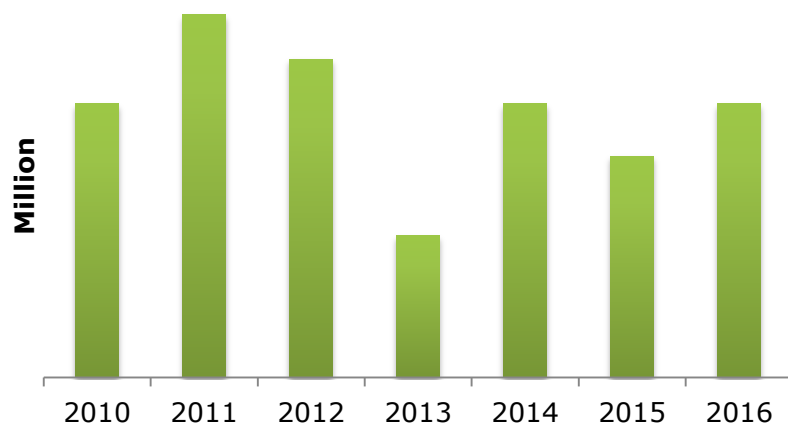
Global Desktop Cooling Fan Market by Volume; 2010-2016 (Million Units)



The global demand for desktop cooling fans has increased over the past few years and is expected to grow in the forecasted period also. In 2016, demand for cooling fans was ..... million units which is expected to reach .... million units in 2017 with YOY growth rate of .....%. The global market in terms of volume is anticipated to grow at a CAGR of .....% over the period spanning from 2017 to 2021.

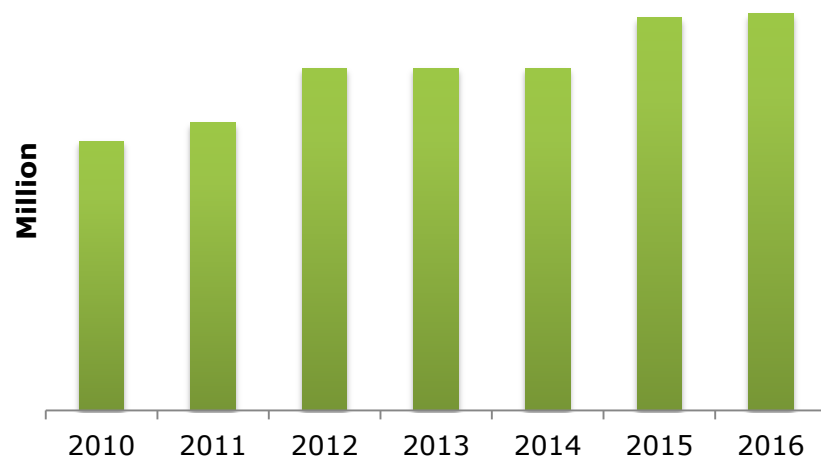
# Global IT Products and Servers Cooling Fan Market Analysis

**Global NB Cooling Fan Market by Volume;  
2010-2016 (Million Units)**



In 2015 demand for cooling fans in NBs were .... million units which inclined to .... million units in 2016, with YOY growth rate of ...%. In the forecasted period i.e. 2017 to 2021, demand for cooling fans is anticipated to grow at a compound annual growth rate of ...% and would reach .... million units by 2021.

**Global Server Cooling Fan Market by Volume;  
2010-2016 (Million Units)**



In 2015, demand for cooling fans in servers were ..... million units which inclined to .... million units in 2016 with an annual growth rate of approximately ....%. Over the years 2017 to 2021, demand for cooling fan is expected to grow at a compound annual growth rate of .....%. By 2021, demand for cooling fans in sever industry is projected to reach ..... million units.