

Industrial Motherboards Market by Type (ATX, Mini ITX, Micro ATX, Nano ITX), Application (Building Automation, Manufacturing, Military, Security and Surveillance, Transportation, Automotive, and Others), and Region 2024-2032

<https://marketpublishers.com/r/IA30FC0E6512EN.html>

Date: January 2024

Pages: 141

Price: US\$ 3,899.00 (Single User License)

ID: IA30FC0E6512EN

Abstracts

The global industrial motherboards market size reached US\$ 1.9 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 3.0 Billion by 2032, exhibiting a growth rate (CAGR) of 4.98% during 2024-2032. The market is growing rapidly driven by rapid technological advancements, increasing automation in industries, significant rise in smart factor initiatives, growing demand for durable and reliable components, and rapid growth in the Internet of Things (IoT) and Industrial Internet of Things (IIoT).

Industrial Motherboards Market Analysis:

Market Growth and Size: The market is witnessing stable growth, driven by increasing product demand in various industrial applications, rapid technological advancements, and the growing trend of automation and smart manufacturing.

Major Market Drivers: Key drivers influencing the market growth include technological innovation, the rise of automation in industries, growth in smart factory initiatives, increasing need for durable and reliable components, and the expansion of IoT and IIoT.

Technological Advancements: Recent innovations in chipset capabilities, data processing, and connectivity options are supporting the market growth. Besides this, ongoing innovation in artificial intelligence (AI), edge computing, and IoT integration that are crucial in meeting the evolving requirements of industrial applications, is propelling the market growth.

Industry Applications: The market is experiencing high product demand in building

automation, manufacturing, military, security and surveillance, transportation and automotive, owing to its versatility and robustness.

Key Market Trends: The key market trends involve the increasing preference for compact yet powerful motherboards, the integration of AI and machine learning (ML) capabilities, and a shift towards energy-efficient and sustainable solutions.

Geographical Trends: Asia Pacific leads the market due to its strong manufacturing base and technological advancements. Other regions are also showing significant growth, fueled by increasing focus on innovation and advanced manufacturing practices.

Competitive Landscape: The market is characterized by the presence of key players engaging in strategies like innovation, strategic partnerships, market expansion, and mergers and acquisitions. Additionally, companies are focusing on customer-centric solutions and sustainability to enhance their market presence.

Challenges and Opportunities: The market faces various challenges, such as keeping pace with rapid technological changes and addressing specific regulatory requirements. However, the evolving needs of industrial sector and rapid product innovation are creating new opportunities for the market growth.

Industrial Motherboards Market Trends:

Rapid technological advancements

Industrial motherboards have evolved significantly in terms of processing power, efficiency, and capabilities. Innovations in semiconductor technology, such as the development of smaller, more efficient, and powerful chipsets, which have enabled the production of industrial motherboards that are not only faster but also more energy-efficient and reliable, are driving the market growth. Besides this, the integration of advanced features like high-speed data transfer interfaces, improved graphics processing units (GPUs), and enhanced storage capabilities, catering to the increasing demands of various industrial applications, is boosting the market growth. Moreover, the advent of edge computing, leading to the need for more robust motherboards capable of processing data closer to the source, thus reducing latency and improving response times, is favoring the market growth.

Increasing automation in industries

The surge in automation across various industries is a significant factor stimulating the market growth. Automation involves the utilization of control systems, such as computers or robots, and information technologies to handle different processes and machinery in an industry to replace human intervention. Industrial motherboards are

essential in this task as they form the core of many automated systems, providing the necessary computational power and connectivity options. In line with this, they are widely used in the manufacturing sector to enhance production efficiency, reduce errors, and lower operational costs, which is driving the market growth. Furthermore, the shifting trend towards automation in the automotive industry and the increasing popularity of robotic assembly lines and automated testing systems are favoring the market growth.

Significant rise in smart factory initiatives

Smart factories represent a leap forward from traditional automation to a fully connected system, which can use a continuous stream of data from connected operations and production systems to learn new demands. Central to this transition are industrial motherboards, which serve as the cornerstone for various smart devices and systems. They enable the integration and analysis of data across the factory floor, facilitating real-time decision-making and predictive maintenance. Furthermore, industrial motherboards enhanced data processing capabilities, support multiple communication protocols, and high-speed connectivity options. Moreover, they empower smart factories to achieve higher levels of productivity and efficiency by enabling the seamless interplay of advanced technologies.

Growing demand for durable and reliable components

Industrial environments are characterized by extreme conditions, including high temperatures, humidity, dust, and mechanical vibrations. These conditions demand motherboards that are not only powerful but also exceptionally reliable and durable. Industrial motherboards are specifically designed to meet these rigorous requirements, incorporating features, such as extended temperature ranges, shock and vibration resistance, and long-term availability. They ensure uninterrupted operation in challenging industrial settings, which is critical for maintaining productivity and reducing downtime. Furthermore, the reliability of these motherboards, which is further enhanced by the use of high-quality components and rigorous testing standards, ensuring they can withstand harsh industrial conditions, is boosting the market growth.

Rapid growth in IoT and IIoT

The expansion of the Internet of Things (IoT) and its industrial counterpart, the Industrial Internet of Things (IIoT), is a major factor driving the market growth. IoT and IIoT refer to the interconnection of industrial machines and devices equipped with sensors,

software, and other technologies to exchange and analyze data. It is crucial in optimizing processes, enhancing productivity, and reducing operational costs in industrial settings. Industrial motherboards are at the heart of this technological revolution, providing the necessary processing power and connectivity to facilitate the seamless flow of data between devices. They enable the integration of various sensors and actuators, ensuring efficient communication within the IoT network.

Industrial Motherboards Industry Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the global, regional, and country levels for 2024-2032. Our report has categorized the market based on type and application.

Breakup by Type:

ATX

Mini ITX

Micro ATX

Nano ITX

ATX accounts for the majority of the market share

The report has provided a detailed breakup and analysis of the market based on the type. This includes ATX, mini ITX, micro ATX, and nano ITX. According to the report, ATX represented the largest segment.

Advanced technology eXtended (ATX) motherboards hold the largest market share due to their versatility and widespread adoption in various industrial applications. They offer multiple expansion slots, making them ideal for applications requiring numerous peripherals and high-performance components. Furthermore, ATX motherboards typically support powerful central processing units (CPUs) and multiple memory slots and provide ample room for additional components like graphics cards, network cards, and storage devices. Their flexibility makes them a preferred choice in industries where high computational power and scalability are essential, such as in automated manufacturing, data centers, and server applications.

Mini ITX motherboards are popular in applications where space is at a premium, yet the demand for computing power and efficiency remains high. They are capable of supporting decent processing power, making them suitable for applications like digital signage, kiosks, and embedded control systems. Furthermore, the small footprint of

Mini ITX motherboards, allowing them to be integrated into space-constrained environments, is fueling the market growth.

Micro ATX motherboards are a versatile and cost-effective solution in the industrial motherboard market. They offer a good balance between size, expansion capabilities, and performance. Furthermore, ATX motherboards provide sufficient connectivity and performance for a wide range of industrial applications. They are widely used in sectors like automation, point of sale (POS) systems, and medical equipment.

Nano ITX motherboards are designed for ultra-compact and low-power applications, making them ideal for embedded systems, IoT devices, and portable industrial equipment. They deliver adequate processing power for basic computing tasks, and their low power consumption makes them suitable for energy-sensitive applications. Nano ITX motherboards are often used in applications where space is highly limited, such as in handheld devices, small-scale robotics, and compact digital devices.

Breakup by Application:

- Building Automation
- Manufacturing
- Military
- Security and Surveillance
- Transportation
- Automotive
- Others

Building automation holds the largest share in the industry

A detailed breakup and analysis of the market based on the application have also been provided in the report. This includes building automation, manufacturing, military, security and surveillance, transportation, automotive, and others. According to the report, building automation accounted for the largest market share.

Building automation holds the largest segment, reflecting the increasing adoption of intelligent systems for managing various building operations, such as lighting, heating, ventilation, air conditioning (HVAC), and security. Industrial motherboards in this sector are pivotal for the smooth operation of complex building management systems, offering the necessary computational power and connectivity to ensure efficient energy use, optimal environmental conditions, and enhanced security. Furthermore, they enable the

integration of various sensors and controls, facilitating automated adjustments that improve comfort while minimizing energy consumption.

In the manufacturing sector, industrial motherboards are essential for controlling and monitoring production processes, ensuring high efficiency and quality control. They are used in a wide range of applications, from assembly line automation and robotic control systems to process monitoring and machine vision. Furthermore, the need for robust and reliable motherboards in manufacturing, owing to the rising demand for high precision, durability, and uninterrupted operation, is favoring the market growth.

In military applications, industrial motherboards are used in command and control systems, communication facilities, and surveillance equipment. These motherboards are often designed to meet stringent military standards, capable of withstanding extreme environmental conditions, and resistant to shock and vibration. Furthermore, the integration of advanced features like secure boot, hardware-based encryption, and tamper-proof designs is favoring the market growth.

The security and surveillance segment relies heavily on industrial motherboards for various applications, including access control systems, surveillance cameras, and intrusion detection systems. Additionally, the growing focus on public safety and the widespread adoption of surveillance technologies in both public and private sectors is fueling the market growth. Furthermore, these motherboards are capable of high-speed data processing and real-time analytics, which support advanced video surveillance systems.

In the transportation sector, industrial motherboards are used in systems, such as traffic control, public transport management, and in-vehicle computing. They play a key role in ensuring the efficiency and safety of transportation systems, providing the computing power necessary for tasks like route planning, traffic monitoring, and vehicle diagnostics. Furthermore, the rise of intelligent transportation systems (ITS) and the integration of IoT technologies in transportation infrastructure is contributing to the market growth.

The automotive segment utilizes industrial motherboards in applications, such as in-vehicle infotainment systems, telematics, and autonomous vehicle technologies. Furthermore, the continuous innovation in the automotive industry, particularly in electric and autonomous vehicles, leading to a growing need for motherboards that can support complex computing tasks, is bolstering the market growth.

Breakup by Region:

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Asia Pacific leads the market, accounting for the largest industrial motherboards market share

The market research report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States and Canada); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. According to the report, Asia Pacific accounted for the largest market share.

Asia Pacific holds the largest share due to rapid industrialization, significant investments in technology, and the presence of major manufacturing hubs. Additionally, several

regional countries are leading the way in electronics manufacturing, which drives the demand for industrial motherboards. Besides this, the region's commitment to adopting new technologies, such as the Internet of Things (IoT), artificial intelligence (AI), and automation, is further propelling the market growth. Furthermore, the presence of several key motherboard manufacturers in the region is acting as another growth-inducing factor. Moreover, the implementation of various government initiatives supporting industrial growth and technological advancements is driving the market growth.

The industrial motherboard market in North America is driven by advanced technological infrastructure, high adoption of automation and IoT in industries, and the presence of a robust manufacturing sector. Additionally, the region is at the forefront, with its focus on innovation and the integration of advanced technologies in various sectors, including automotive, aerospace, and defense.

Europe's industrial motherboard market is characterized by its strong focus on quality, reliability, and innovation. Furthermore, the region's advanced manufacturing sector, coupled with its emphasis on Industry 4.0 and the adoption of smart factory solutions, is driving the market growth. Besides this, the imposition of stringent regulations in the region regarding environmental sustainability and energy efficiency, prompting the development of energy-efficient and robust motherboards, is favoring the market growth.

In Latin America, the industrial motherboard market is growing, driven by the gradual expansion of the manufacturing sector and the increasing adoption of automation and digital technologies. Additionally, the growing awareness and implementation of smart manufacturing and IoT applications, which are gradually creating demand for industrial motherboards, is strengthening the market growth.

The industrial motherboard market in the Middle East and Africa (MEA) region is experiencing growth due to increasing industrialization and investment in technology. Besides this, the rising focus on diversifying economies away from oil dependency to sectors like manufacturing, tourism, and technology is contributing to the market growth. Additionally, increasing initiatives in building smart cities, driving the demand for advanced technological solutions, including industrial motherboards, is supporting the market growth.

Leading Key Players in the Industrial Motherboards Industry:

Top companies are continuously investing in research and innovation to improve their

products. It includes designing motherboards with higher processing power, better energy efficiency, and advanced features like artificial intelligence (AI) and the Internet of Things (IoT) capabilities to cater to the demands of modern industrial applications. Besides this, several leading players are entering into partnerships and collaborations with other technology companies, software developers, and industrial firms to integrate complementary technologies, expand product offerings, and enhance their reach in different industrial sectors. Furthermore, they are exploring and entering new geographical regions to meet regional requirements and navigate different regulatory landscapes.

The market research report has provided a comprehensive analysis of the competitive landscape. Detailed profiles of all major companies have also been provided. Some of the key players in the market include:

ADLINK Technology Inc.
Advantech Co. Ltd.
ARBOR Technology Corp.
ASUSTeK Computer Inc.
Avalue Technology Inc.
Axiomtek Co. Ltd.
BCM Advanced Research
Corvalent Corporation
DFI (Qisda Corporation)
IEI Integration Corp.
Kontron AG
NEXCOM International Co. Ltd.
Portwell Inc. (Posiflex Technology Inc.)

(Please note that this is only a partial list of the key players, and the complete list is provided in the report.)

Latest News:

In November 2023, ADLINK Technology Inc. introduced a new industrial motherboard IMB-M47 that offers performance, higher capacity, and next-gen GPU.

In December 2022, Advantech upgraded its industrial motherboards with 12th Gen. Intel Core processors.

In August 2023, Avalue Technology Inc. launched EMX-RPLP Mini-ITX wide temperature motherboard, ensuring stable operation for extreme environments.

Key Questions Answered in This Report:

How has the global industrial motherboards market performed so far, and how will it perform in the coming years?

What are the drivers, restraints, and opportunities in the global industrial motherboards market?

What is the impact of each driver, restraint, and opportunity on the global industrial motherboards market?

What are the key regional markets?

Which countries represent the most attractive industrial motherboards market?

What is the breakup of the market based on the type?

Which is the most attractive type in the industrial motherboards market?

What is the breakup of the market based on the application?

Which is the most attractive application in the industrial motherboards market?

What is the competitive structure of the market?

Who are the key players/companies in the global industrial motherboards market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL INDUSTRIAL MOTHERBOARDS MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY TYPE

- 6.1 ATX
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Mini ITX
 - 6.2.1 Market Trends

- 6.2.2 Market Forecast
- 6.3 Micro ATX
 - 6.3.1 Market Trends
 - 6.3.2 Market Forecast
- 6.4 Nano ITX
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast

7 MARKET BREAKUP BY APPLICATION

- 7.1 Building Automation
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Manufacturing
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Military
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Security and Surveillance
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast
- 7.5 Transportation
 - 7.5.1 Market Trends
 - 7.5.2 Market Forecast
- 7.6 Automotive
 - 7.6.1 Market Trends
 - 7.6.2 Market Forecast
- 7.7 Others
 - 7.7.1 Market Trends
 - 7.7.2 Market Forecast

8 MARKET BREAKUP BY REGION

- 8.1 North America
 - 8.1.1 United States
 - 8.1.1.1 Market Trends
 - 8.1.1.2 Market Forecast
 - 8.1.2 Canada

- 8.1.2.1 Market Trends
- 8.1.2.2 Market Forecast
- 8.2 Asia-Pacific
 - 8.2.1 China
 - 8.2.1.1 Market Trends
 - 8.2.1.2 Market Forecast
 - 8.2.2 Japan
 - 8.2.2.1 Market Trends
 - 8.2.2.2 Market Forecast
 - 8.2.3 India
 - 8.2.3.1 Market Trends
 - 8.2.3.2 Market Forecast
 - 8.2.4 South Korea
 - 8.2.4.1 Market Trends
 - 8.2.4.2 Market Forecast
 - 8.2.5 Australia
 - 8.2.5.1 Market Trends
 - 8.2.5.2 Market Forecast
 - 8.2.6 Indonesia
 - 8.2.6.1 Market Trends
 - 8.2.6.2 Market Forecast
 - 8.2.7 Others
 - 8.2.7.1 Market Trends
 - 8.2.7.2 Market Forecast
- 8.3 Europe
 - 8.3.1 Germany
 - 8.3.1.1 Market Trends
 - 8.3.1.2 Market Forecast
 - 8.3.2 France
 - 8.3.2.1 Market Trends
 - 8.3.2.2 Market Forecast
 - 8.3.3 United Kingdom
 - 8.3.3.1 Market Trends
 - 8.3.3.2 Market Forecast
 - 8.3.4 Italy
 - 8.3.4.1 Market Trends
 - 8.3.4.2 Market Forecast
 - 8.3.5 Spain
 - 8.3.5.1 Market Trends

- 8.3.5.2 Market Forecast
- 8.3.6 Russia
 - 8.3.6.1 Market Trends
 - 8.3.6.2 Market Forecast
- 8.3.7 Others
 - 8.3.7.1 Market Trends
 - 8.3.7.2 Market Forecast
- 8.4 Latin America
 - 8.4.1 Brazil
 - 8.4.1.1 Market Trends
 - 8.4.1.2 Market Forecast
 - 8.4.2 Mexico
 - 8.4.2.1 Market Trends
 - 8.4.2.2 Market Forecast
 - 8.4.3 Others
 - 8.4.3.1 Market Trends
 - 8.4.3.2 Market Forecast
- 8.5 Middle East and Africa
 - 8.5.1 Market Trends
 - 8.5.2 Market Breakup by Country
 - 8.5.3 Market Forecast

9 DRIVERS, RESTRAINTS, AND OPPORTUNITIES

- 9.1 Overview
- 9.2 Drivers
- 9.3 Restraints
- 9.4 Opportunities

10 VALUE CHAIN ANALYSIS

11 PORTERS FIVE FORCES ANALYSIS

- 11.1 Overview
- 11.2 Bargaining Power of Buyers
- 11.3 Bargaining Power of Suppliers
- 11.4 Degree of Competition
- 11.5 Threat of New Entrants

11.6 Threat of Substitutes

12 PRICE ANALYSIS

13 COMPETITIVE LANDSCAPE

13.1 Market Structure

13.2 Key Players

13.3 Profiles of Key Players

13.3.1 ADLINK Technology Inc.

13.3.1.1 Company Overview

13.3.1.2 Product Portfolio

13.3.1.3 Financials

13.3.2 Advantech Co. Ltd.

13.3.2.1 Company Overview

13.3.2.2 Product Portfolio

13.3.2.3 Financials

13.3.3 ARBOR Technology Corp.

13.3.3.1 Company Overview

13.3.3.2 Product Portfolio

13.3.3.3 Financials

13.3.4 ASUSTeK Computer Inc.

13.3.4.1 Company Overview

13.3.4.2 Product Portfolio

13.3.4.3 Financials

13.3.4.4 SWOT Analysis

13.3.5 Avalue Technology Inc.

13.3.5.1 Company Overview

13.3.5.2 Product Portfolio

13.3.5.3 Financials

13.3.6 Axiomtek Co. Ltd.

13.3.6.1 Company Overview

13.3.6.2 Product Portfolio

13.3.6.3 Financials

13.3.7 BCM Advanced Research

13.3.7.1 Company Overview

13.3.7.2 Product Portfolio

13.3.8 Corvalent Corporation

- 13.3.8.1 Company Overview
- 13.3.8.2 Product Portfolio
- 13.3.9 DFI (Qisda Corporation)
 - 13.3.9.1 Company Overview
 - 13.3.9.2 Product Portfolio
 - 13.3.9.3 Financials
- 13.3.10 IEI Integration Corp.
 - 13.3.10.1 Company Overview
 - 13.3.10.2 Product Portfolio
 - 13.3.10.3 Financials
- 13.3.11 Kontron AG
 - 13.3.11.1 Company Overview
 - 13.3.11.2 Product Portfolio
 - 13.3.11.3 Financials
- 13.3.12 NEXCOM International Co. Ltd.
 - 13.3.12.1 Company Overview
 - 13.3.12.2 Product Portfolio
 - 13.3.12.3 Financials
- 13.3.13 Portwell Inc. (Posiflex Technology Inc.)
 - 13.3.13.1 Company Overview
 - 13.3.13.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: Industrial Motherboards Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Industrial Motherboards Market Forecast: Breakup by Type (in Million US\$), 2024-2032

Table 3: Global: Industrial Motherboards Market Forecast: Breakup by Application (in Million US\$), 2024-2032

Table 4: Global: Industrial Motherboards Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 5: Global: Industrial Motherboards Market: Competitive Structure

Table 6: Global: Industrial Motherboards Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Industrial Motherboards Market: Major Drivers and Challenges

Figure 2: Global: Industrial Motherboards Market: Sales Value (in Billion US\$), 2018-2023

Figure 3: Global: Industrial Motherboards Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 4: Global: Industrial Motherboards Market: Breakup by Type (in %), 2023

Figure 5: Global: Industrial Motherboards Market: Breakup by Application (in %), 2023

Figure 6: Global: Industrial Motherboards Market: Breakup by Region (in %), 2023

Figure 7: Global: Industrial Motherboards (ATX) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 8: Global: Industrial Motherboards (ATX) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 9: Global: Industrial Motherboards (Mini ITX) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 10: Global: Industrial Motherboards (Mini ITX) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 11: Global: Industrial Motherboards (Micro ATX) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 12: Global: Industrial Motherboards (Micro ATX) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 13: Global: Industrial Motherboards (Nano ITX) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 14: Global: Industrial Motherboards (Nano ITX) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 15: Global: Industrial Motherboards (Building Automation) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 16: Global: Industrial Motherboards (Building Automation) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 17: Global: Industrial Motherboards (Manufacturing) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 18: Global: Industrial Motherboards (Manufacturing) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 19: Global: Industrial Motherboards (Military) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 20: Global: Industrial Motherboards (Military) Market Forecast: Sales Value (in

Million US\$), 2024-2032

Figure 21: Global: Industrial Motherboards (Security and Surveillance) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 22: Global: Industrial Motherboards (Security and Surveillance) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 23: Global: Industrial Motherboards (Transportation) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 24: Global: Industrial Motherboards (Transportation) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 25: Global: Industrial Motherboards (Automotive) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 26: Global: Industrial Motherboards (Automotive) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 27: Global: Industrial Motherboards (Other Applications) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 28: Global: Industrial Motherboards (Other Applications) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 29: North America: Industrial Motherboards Market: Sales Value (in Million US\$), 2018 & 2023

Figure 30: North America: Industrial Motherboards Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 31: United States: Industrial Motherboards Market: Sales Value (in Million US\$), 2018 & 2023

Figure 32: United States: Industrial Motherboards Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 33: Canada: Industrial Motherboards Market: Sales Value (in Million US\$), 2018 & 2023

Figure 34: Canada: Industrial Motherboards Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 35: Asia-Pacific: Industrial Motherboards Market: Sales Value (in Million US\$), 2018 & 2023

Figure 36: Asia-Pacific: Industrial Motherboards Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 37: China: Industrial Motherboards Market: Sales Value (in Million US\$), 2018 & 2023

Figure 38: China: Industrial Motherboards Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 39: Japan: Industrial Motherboards Market: Sales Value (in Million US\$), 2018 & 2023

Figure 40: Japan: Industrial Motherboards Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 41: India: Industrial Motherboards Market: Sales Value (in Million US\$), 2018 & 2023

Figure 42: India: Industrial Motherboards Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 43: South Korea: Industrial Motherboards Market: Sales Value (in Million US\$), 2018 & 2023

Figure 44: South Korea: Industrial Motherboards Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 45: Australia: Industrial Motherboards Market: Sales Value (in Million US\$), 2018 & 2023

Figure 46: Australia: Industrial Motherboards Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 47: Indonesia: Industrial Motherboards Market: Sales Value (in Million US\$), 2018 & 2023

Figure 48: Indonesia: Industrial Motherboards Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 49: Others: Industrial Motherboards Market: Sales Value (in Million US\$), 2018 & 2023

Figure 50: Others: Industrial Motherboards Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 51: Europe: Industrial Motherboards Market: Sales Value (in Million US\$), 2018 & 2023

Figure 52: Europe: Industrial Motherboards Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 53: Germany: Industrial Motherboards Market: Sales Value (in Million US\$), 2018 & 2023

Figure 54: Germany: Industrial Motherboards Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 55: France: Industrial Motherboards Market: Sales Value (in Million US\$), 2018 & 2023

Figure 56: France: Industrial Motherboards Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 57: United Kingdom: Industrial Motherboards Market: Sales Value (in Million US\$), 2018 & 2023

Figure 58: United Kingdom: Industrial Motherboards Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 59: Italy: Industrial Motherboards Market: Sales Value (in Million US\$), 2018 &

2023

Figure 60: Italy: Industrial Motherboards Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 61: Spain: Industrial Motherboards Market: Sales Value (in Million US\$), 2018 & 2023

Figure 62: Spain: Industrial Motherboards Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 63: Russia: Industrial Motherboards Market: Sales Value (in Million US\$), 2018 & 2023

Figure 64: Russia: Industrial Motherboards Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 65: Others: Industrial Motherboards Market: Sales Value (in Million US\$), 2018 & 2023

Figure 66: Others: Industrial Motherboards Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 67: Latin America: Industrial Motherboards Market: Sales Value (in Million US\$), 2018 & 2023

Figure 68: Latin America: Industrial Motherboards Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 69: Brazil: Industrial Motherboards Market: Sales Value (in Million US\$), 2018 & 2023

Figure 70: Brazil: Industrial Motherboards Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 71: Mexico: Industrial Motherboards Market: Sales Value (in Million US\$), 2018 & 2023

Figure 72: Mexico: Industrial Motherboards Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 73: Others: Industrial Motherboards Market: Sales Value (in Million US\$), 2018 & 2023

Figure 74: Others: Industrial Motherboards Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 75: Middle East and Africa: Industrial Motherboards Market: Sales Value (in Million US\$), 2018 & 2023

Figure 76: Middle East and Africa: Industrial Motherboards Market: Breakup by Country (in %), 2023

Figure 77: Middle East and Africa: Industrial Motherboards Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 78: Global: Industrial Motherboards Industry: Drivers, Restraints, and Opportunities

Figure 79: Global: Industrial Motherboards Industry: Value Chain Analysis

Figure 80: Global: Industrial Motherboards Industry: Porter's Five Forces Analysis

I would like to order

Product name: Industrial Motherboards Market by Type (ATX, Mini ITX, Micro ATX, Nano ITX), Application (Building Automation, Manufacturing, Military, Security and Surveillance, Transportation, Automotive, and Others), and Region 2024-2032

Product link: <https://marketpublishers.com/r/IA30FC0E6512EN.html>

Price: US\$ 3,899.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/IA30FC0E6512EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970