+44 20 8123 2220
info@marketpublishers.com

Global Embedded IoT Gateway Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

https://marketpublishers.com/r/G8AA8ED21EAFEN.html
Date: April 2024
Pages: 104
Price: US$ 3,480.00 (Single User License)
ID: G8AA8ED21EAFEN

Abstracts

An embedded IoT gateway refers to a specialized hardware device or software application that serves as a bridge between IoT (Internet of Things) devices and the cloud or other network infrastructure. It is typically deployed within IoT ecosystems to aggregate, process, and transmit data collected from connected devices to centralized servers or cloud platforms for further analysis, storage, and management. Embedded IoT gateways are equipped with various communication interfaces such as Wi-Fi, Ethernet, Bluetooth, Zigbee, or cellular connectivity, allowing them to communicate with a wide range of IoT devices and sensors. These gateways often feature embedded computing capabilities, including processors, memory, and storage, enabling them to perform local data processing, filtering, and aggregation tasks before transmitting the data to the cloud. Additionally, embedded IoT gateways may support security features such as encryption, authentication, and access control to ensure the integrity and confidentiality of IoT data. Overall, embedded IoT gateways play a crucial role in enabling secure, reliable, and scalable connectivity within IoT deployments, facilitating real-time monitoring, control, and automation of connected devices and systems.

According to our (Global Info Research) latest study, the global Embedded IoT Gateway market size was valued at US$ 4410 million in 2023 and is forecast to a readjusted size of USD 9417 million by 2030 with a CAGR of 11.5% during review period.

The current market for embedded IoT gateways is witnessing substantial growth, driven by the increasing adoption of IoT solutions across various industries and the growing demand for seamless connectivity, data processing, and intelligence at the edge of the network. As organizations continue to deploy IoT devices and sensors to monitor assets, collect data, and optimize operations, the need for embedded IoT gateways to

+44 20 8123 2220
info@marketpublishers.com

aggregate and process data locally before transmitting it to the cloud or data center is becoming increasingly critical. Additionally, with the proliferation of edge computing and the rise of Industry 4.0 initiatives, there is a growing emphasis on distributed computing architectures and edge intelligence, driving the demand for embedded IoT gateways with advanced computing capabilities and support for edge analytics and AI (Artificial Intelligence) applications. Looking ahead, the future development trends of the embedded IoT gateway market are expected to be shaped by several key factors. These include the integration of edge computing functionalities such as machine learning inference, predictive maintenance, and anomaly detection into embedded IoT gateways, enabling real-time insights and decision-making at the edge. Furthermore, there is a growing focus on security and interoperability in IoT deployments, driving demand for embedded IoT gateways with robust security features and support for industry standards and protocols. Additionally, advancements in wireless connectivity technologies such as 5G and Wi-Fi 6 are expected to fuel innovation in embedded IoT gateways, enabling faster data transmission, lower latency, and greater network capacity. Overall, the embedded IoT gateway market is poised for continued growth and innovation as organizations seek to leverage edge computing and IoT technologies to drive digital transformation and gain a competitive edge in the increasingly connected world.

This report is a detailed and comprehensive analysis for global Embedded IoT Gateway market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2024, are provided.

Key Features:

Global Embedded IoT Gateway market size and forecasts, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2019-2030

Global Embedded IoT Gateway market size and forecasts by region and country, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2019-2030

Global Embedded IoT Gateway market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (K Units), and average selling prices

+44 20 8123 2220
info@marketpublishers.com

(US$/Unit), 2019-2030

Global Embedded IoT Gateway market shares of main players, shipments in revenue ($ Million), sales quantity (K Units), and ASP (US$/Unit), 2019-2024

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Embedded IoT Gateway

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Embedded IoT Gateway market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Advantech, Neousys, Lantronix, Winmat, Siemens, ADLINK Technology, Contec, Cisco, Axiomtek, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Embedded IoT Gateway market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

ARM-based Gateway

Atom-based Gateway

Market segment by Application

+44 20 8123 2220
info@marketpublishers.com

Automotive

Consumer Electronics

Healthcare

Aerospace

Defense

Industrial

Others

Major players covered

Advantech

Neousys

Lantronix

Winmat

Siemens

ADLINK Technology

Contec

Cisco

Axiomtek

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Embedded IoT Gateway product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Embedded IoT Gateway, with price, sales quantity, revenue, and global market share of Embedded IoT Gateway from 2019 to 2024.

Chapter 3, the Embedded IoT Gateway competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Embedded IoT Gateway breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2019 to 2024.and Embedded IoT Gateway market forecast, by regions, by Type, and by Application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Embedded

+44 20 8123 2220
info@marketpublishers.com

IoT Gateway.

Chapter 14 and 15, to describe Embedded IoT Gateway sales channel, distributors, customers, research findings and conclusion.

+44 20 8123 2220
info@marketpublishers.com

Contents

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Global Embedded IoT Gateway Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

Product link: https://marketpublishers.com/r/G8AA8ED21EAFEN.html

Price: US$ 3,480.00 (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/G8AA8ED21EAFEN.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

Custumer 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

+44 20 8123 2220
info@marketpublishers.com