

Global IoT Sensors & Gateways Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global IoT Sensors & Gateways market size was valued at US\$ 2410 million in 2025 and is forecast to a readjusted size of US\$ 6145 million by 2032 with a CAGR of 14.3% during review period.

In 2025, global IoT Sensors & Gateways production reached approximately 23.4 million units, with an average global market price of around US\$ 100 per unit. Annual production capacity is 30 million units. Gross Profit Margin: 39%. IoT Sensors & Gateways refer to the core hardware infrastructure of the Internet of Things ecosystem, where IoT sensors collect real-world data such as temperature, humidity, pressure, motion, light, gas levels, and vibration, while IoT gateways act as intermediary devices that aggregate, process, and transmit this data to cloud platforms or enterprise systems. The IoT sensors and gateways industry chain starts upstream with semiconductor chips, MEMS sensor components, RF modules, and communication chips, which enable sensing and connectivity functions; midstream manufacturers integrate these components into IoT sensors and gateways with embedded firmware, edge processing, and communication protocols; downstream applications span industrial IoT, smart cities, smart homes, healthcare, agriculture, and energy systems, where devices collect, transmit, and process real-time data to support monitoring, automation, and decision-making. This market is rapidly shifting from hardware-driven connectivity to software-defined edge intelligence, where gateways are becoming mini edge-computing nodes rather than simple data relays.

This report is a detailed and comprehensive analysis for global IoT Sensors & Gateways 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 2025, are provided.

Key Features:

Global IoT Sensors & Gateways market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global IoT Sensors & Gateways market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global IoT Sensors & Gateways market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global IoT Sensors & Gateways market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

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 IoT Sensors & Gateways
- 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 IoT Sensors & Gateways 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 Honeywell International Inc. (NASDAQ: HON, USA), Siemens AG (ETR: SIE, Germany), Schneider Electric SE (EPA: SU, France), ABB Ltd. (SIX: ABBN, Switzerland), Emerson Electric Co. (NYSE:

EMR, USA), Rockwell Automation, Inc. (NYSE: ROK, USA), General Electric (GE Digital) (NYSE: GE, USA), Cisco Systems, Inc. (NASDAQ: CSCO, USA), Advantech Co., Ltd. (TWSE: 2395, Taiwan), Moxa Inc. (Private, Taiwan), etc.

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

Market Segmentation

IoT Sensors & Gateways market is split by Type and by Application. For the period 2021-2032, 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

IoT Sensors (Environmental, Motion, Pressure, Gas, Temperature, Vibration, Image Sensors)

IoT Gateways (Industrial Gateways, Edge Gateways, Cloud Gateways)

Integrated Sensor Modules (Multi-Sensor Fusion Devices)

Market segment by Sensor Technology

MEMS Sensors

CMOS Image Sensors

RF / Wireless Sensors

Optical Sensors

Gas & Chemical Sensors

Inertial Sensors (Accelerometer, Gyroscope)

Market segment by Connectivity Technology

Wi-Fi

Bluetooth / BLE

Zigbee / Z-Wave

LoRa / LPWAN

NB-IoT / LTE-M

5G / 4G LTE

Ethernet / Industrial Protocols (Modbus, PROFINET)

Market segment by Application

Industrial Enterprises

Government & Public Sector

Healthcare Institutions

Consumer Electronics Companies

Energy & Utility Providers

Agriculture & Food Industry

Major players covered

Honeywell International Inc. (NASDAQ: HON, USA)

Siemens AG (ETR: SIE, Germany)

Schneider Electric SE (EPA: SU, France)

ABB Ltd. (SIX: ABBN, Switzerland)

Emerson Electric Co. (NYSE: EMR, USA)

Rockwell Automation, Inc. (NYSE: ROK, USA)

General Electric (GE Digital) (NYSE: GE, USA)

Cisco Systems, Inc. (NASDAQ: CSCO, USA)

Advantech Co., Ltd. (TWSE: 2395, Taiwan)

Moxa Inc. (Private, Taiwan)

Bosch Sensortec GmbH (Subsidiary of Robert Bosch GmbH, Germany)

STMicroelectronics N.V. (NYSE: STM, Switzerland)

Texas Instruments Incorporated (NASDAQ: TXN, USA)

Huawei Technologies Co., Ltd. (Private, China)

ZTE Corporation (SZSE: 000063 / HKEX: 0763, China)

Quectel Wireless Solutions Co., Ltd. (SHA: 603236, China)

Fibocom Wireless Inc. (SZSE: 300638, China)

China Mobile IoT Company Limited (Subsidiary of China Mobile, China)

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 IoT Sensors & Gateways product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of IoT Sensors & Gateways, with price, sales quantity, revenue, and global market share of IoT Sensors & Gateways from 2021 to 2026.

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

Chapter 4, the IoT Sensors & Gateways breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

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 2021 to 2032.

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 2021 to 2026. and IoT Sensors & Gateways market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

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 IoT Sensors & Gateways.

Chapter 14 and 15, to describe IoT Sensors & Gateways sales channel, distributors,

customers, research findings and conclusion.

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