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Global Satellite IoT Baseband Chip 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 Satellite IoT Baseband Chip market size was valued at US$ 288 million in 2025 and is forecast to a readjusted size of US$ 1971 million by 2032 with a CAGR of 29.3% during review period.

Satellite IoT Baseband Chip is a modem or baseband semiconductor used to connect low-power IoT terminals to satellite networks, including NB-IoT NTN, LTE-M NTN, LoRa satellite and proprietary satellite IoT links. It enables remote asset tracking, metering, maritime monitoring and emergency messaging where terrestrial networks are unavailable. In 2025, global Satellite IoT Baseband Chip production reached approximately 18,000 K units.

The market is being created by the convergence of cellular IoT and satellite connectivity. 3GPP NTN standards make it easier for existing cellular modem vendors and module makers to serve satellite IoT applications without building fully proprietary stacks.

Near-term demand is strongest in asset tracking, energy, agriculture, maritime and emergency communication. These applications value coverage and low power more than high data rate, so module cost, antenna design and satellite service pricing are critical.

Commercial deployment will depend on satellite constellation build-out and service partnerships. The market is still small compared with terrestrial IoT chips, but it has a strong growth profile because global coverage solves use cases that cellular networks cannot economically address.

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This report is a detailed and comprehensive analysis for global Satellite IoT Baseband Chip 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 Satellite IoT Baseband Chip market size and forecasts, in consumption value ($ Million), sales quantity (K Pcs), and average selling prices (US$/Pcs), 2021-2032

Global Satellite IoT Baseband Chip market size and forecasts by region and country, in consumption value ($ Million), sales quantity (K Pcs), and average selling prices (US$/Pcs), 2021-2032

Global Satellite IoT Baseband Chip market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (K Pcs), and average selling prices (US$/Pcs), 2021-2032

Global Satellite IoT Baseband Chip market shares of main players, shipments in revenue ($ Million), sales quantity (K Pcs), and ASP (US$/Pcs), 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 Satellite IoT Baseband Chip

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 Satellite IoT Baseband Chip market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key

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companies covered as a part of this study include Qualcomm, MediaTek, Sony Altair, Semtech, Nordic Semiconductor, Sequans, UNISOC, ASR Microelectronics, Eigencomm, etc.

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

Market Segmentation

Satellite IoT Baseband Chip 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

NB-IoT NTN Baseband

LTE-M NTN Baseband

LoRa Satellite Chip

Proprietary Satellite IoT Chip

Other

Market segment by Network Type

LEO Satellite Network

GEO Satellite Network

Hybrid Terrestrial Satellite

Store-and-forward Network

Other

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Market segment by Integration

- Baseband Modem
- RF Baseband Integrated
- GNSS Integrated
- Module Chipset
- Other

Market segment by Application

- Remote Asset Tracking
- Smart Metering
- Maritime Monitoring
- Oil Gas And Mining
- Emergency Messaging
- Other

Major players covered

- Qualcomm
- MediaTek
- Sony Altair
- Semtech
- Nordic Semiconductor

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Sequans

UNISOC

ASR Microelectronics

Eigencomm

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 Satellite IoT Baseband Chip product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Satellite IoT Baseband Chip, with price, sales quantity, revenue, and global market share of Satellite IoT Baseband Chip from 2021 to 2026.

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

Chapter 4, the Satellite IoT Baseband Chip breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by

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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 Satellite IoT Baseband Chip 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 Satellite IoT Baseband Chip.

Chapter 14 and 15, to describe Satellite IoT Baseband Chip sales channel, distributors, customers, research findings and conclusion.

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