

Global RS232 Converter Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global RS232 Converter market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

RS232 (Recommended Standard 232) is a serial communication protocol used for transmitting data one bit at a time. It's commonly found in older computers and industrial equipment. Modern devices often use USB, Ethernet, or other protocols for faster and more reliable communication. An RS232 Converter bridges the gap by taking data in one format (e.g., USB) and converting it into the RS232 format for compatibility with older equipment.

This report is a detailed and comprehensive analysis for global RS232 Converter 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 RS232 Converter market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global RS232 Converter market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global RS232 Converter market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global RS232 Converter market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

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 RS232 Converter

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 RS232 Converter 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 Patton Electronics, Omnitron Systems Technology, Lantronix, SerialComm, Moxa, Akshaya Instruments, Samyak Instrumentation, Scan Electronic Systems, Dynalog, Astronic Techno Systems, etc.

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

Market Segmentation

RS232 Converter market is split by Type and by Application. For the period 2020-2031, 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

USB to RS232

RS232 to RS485

Others

Market segment by Application

Industrial Automation

Medical Equipment

Others

Major players covered

Patton Electronics

Omnitron Systems Technology

Lantronix

SerialComm

Moxa

Akshaya Instruments

Samyak Instrumentation

Scan Electronic Systems

Dynalog

Astronic Techno Systems

Aykay Electroics

Span Controls

Utek Technology

S4A Industrial

Ambetronics Engineers

BEL Engineering

Nimbus Technologies

SMQT

Micon Automation Systems

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 RS232 Converter product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of RS232 Converter, with price, sales quantity, revenue, and global market share of RS232 Converter from 2020 to 2025.

Chapter 3, the RS232 Converter competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the RS232 Converter breakdown data are shown at the regional level, to

show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

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 2020 to 2031.

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 2020 to 2025. and RS232 Converter market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 RS232 Converter.

Chapter 14 and 15, to describe RS232 Converter sales channel, distributors, customers, research findings and conclusion.

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