+44 20 8123 2220
info@marketpublishers.com

Asia Pacific Rugged Servers Market Forecast to 2030 - Regional Analysis - By Type (Universal and Dedicated) and End User (Aerospace, Oil & Gas, Manufacturing, Telecommunication, Mining, Energy, Logistics, Construction, and Others)

https://marketpublishers.com/r/A97F50B8A1AEEN.html
Date: January 2024
Pages: 72
Price: US$ 3,550.00 (Single User License)
ID: A97F50B8A1AEEN

Abstracts

The Asia Pacific rugged servers market is expected to grow from US$ 206.75 million in 2022 to US$ 338.52 million by 2030. It is estimated to grow at a CAGR of 6.4% from 2022 to 2030.

Development of Advanced Rugged Servers Drive Asia Pacific Rugged Servers Market

The demand for rugged servers is increasing in the manufacturing, telecommunication, defense, and construction industries. This has encouraged the players in the market to develop advanced rugged servers to cater to the demand with advanced technology. In February 2022, Getac Technology Corporation announced the expansion of its X600 range by adding the X600 Server and the X600 Pro-PCI. The X600 Server is a rugged, powerful, commercial-off-the-shelf (COTS) solution for the most demanding environments. It consists of an Intel Xeon W-11855M processor with Intel Turbo Boost Technology and integrated Intel UHD graphics, which help deliver improved performance compared to the X500 Server. Similarly, in March 2022, Crystal Group, Inc. announced that it had integrated the NVIDIA L4 Tensor Core graphics processing unit (GPU) into its portfolio of rugged hardware. The integration will improve performance for artificial intelligence (AI) and machine learning operations. Also, due to its compact size, it can be used on servers of any size, providing extremely fast data processing. Thus, the production of extensive volumes of data is raising the need for high-speed, advanced rugged servers, further bolstering the demand for rugged servers in the coming decades.

Asia Pacific Rugged Servers Market Overview

The Asia Pacific rugged server market is segmented into China, Japan, India, Australia,

+44 20 8123 2220
info@marketpublishers.com

South Korea, and the Rest of Asia Pacific. Rapid developments in technology, digitalization of the economy, sufficient support from the government, and rising incomes of the region are a few factors contributing to the development of the above-mentioned economies. In Asia Pacific, transportation, agriculture, and aerospace & defense sectors play a crucial role in GDP contribution. Asia Pacific countries are investing in high-speed rail networks and expanding transportation infrastructure. In January 2022, China planned to build more than 3,000 km of railways in 2022, including 2,500 km of high-speed lines, to upgrade the system into an advanced transport network. In countries such as China and Japan, rugged servers are highly used to maintain the efficiency and safety of their extensive railway networks. Rugged servers are also required in these systems to ensure uninterrupted communication and data processing for train control systems, passenger information displays, and ticketing systems. Furthermore, Asia Pacific has witnessed significant growth in the manufacturing industry due to the shift toward Industry 4.0 and growing automation in the industry. The region is one of the biggest producers of a wide range of machinery, including industrial and commercial machinery, agricultural machinery, and construction machinery. In 2020, machinery worth more than US$ 10 billion was produced in Vietnam. The industry's turnover increased by 14.7% compared to 2019. Machinery exports increased by 10.8% over the same period, while imports grew by 7.3%. Vietnam is an important source of machinery and equipment for many countries in the region. Rugged servers are widely used in the machinery manufacturing industry in Asia Pacific for applications such as robotics, automation, and process control system, where reliability and durability are essential. Asia Pacific countries such as India, China, and Australia have been significantly increasing their defense spending in recent years. The defense sector requires rugged servers to support critical applications, such as military vehicles, naval vessels, and remote field operations, in harsh and demanding environments. These servers are built to withstand extreme temperatures, shock, vibration, and electromagnetic interference, ensuring reliable data processing and communication in mission-critical scenarios. Therefore, the demand for rugged servers in Asia Pacific is increasing.

Asia Pacific Rugged Servers Market Revenue and Forecast to 2030 (US$ Million)

Asia Pacific Rugged Servers Market Segmentation

The Asia Pacific rugged servers market is segmented into type, end user, and country.

Based on type, the Asia Pacific rugged servers market is bifurcated into universal and dedicated. In 2022, the dedicated segment registered a larger share in the Asia Pacific rugged servers market.

Based on end user, the Asia Pacific rugged servers market is segmented into aerospace, oil & gas, manufacturing, telecommunication, mining, energy, logistics, construction, and others. In 2022, the aerospace segment registered the largest share

+44 20 8123 2220
info@marketpublishers.com

in the Asia Pacific rugged servers market.
Based on country, the Asia Pacific rugged servers market is segmented into Australia, China, India, Japan, South Korea, and the Rest of Asia Pacific. In 2022, China segment registered the largest share in the Asia Pacific rugged servers market.
Crystal Group Inc, Dell Technologies Inc, Systel Inc, and ZMicro Inc are some of the leading companies operating in the Asia Pacific rugged servers market.

+44 20 8123 2220
info@marketpublishers.com

Contents

1. INTRODUCTION

1.1 The Insight Partners Research Report Guidance
1.2 Market Segmentation

2. EXECUTIVE SUMMARY

2.1 Key Insights
2.2 Market Attractiveness

3. RESEARCH METHODOLOGY

3.1 Coverage
3.2 Secondary Research
3.3 Primary Research

4. ASIA PACIFIC RUGGED SERVERS MARKET LANDSCAPE

4.1 Overview
4.2 Ecosystem Analysis
  4.2.1 List of Vendors in the Value Chain:

5. ASIA PACIFIC RUGGED SERVERS MARKET - KEY INDUSTRY DYNAMICS

5.1 Drivers
  5.1.1 Significant Demand from Defense Forces
  5.1.2 Growth of Oil & Gas and Mining Sectors
5.2 Market Restraints
  5.2.1 Higher Adoption of Consumer-Grade Servers in General Manufacturing Industries
5.3 Market Opportunities
  5.3.1 Developments in Energy & Power Industry
5.4 Future Trends
  5.4.1 Development of Advanced Rugged Servers
5.5 Impact of Drivers and Restraints:

6. RUGGED SERVERS MARKET - ASIA PACIFIC MARKET ANALYSIS

+44 20 8123 2220
info@marketpublishers.com

6.1 Asia Pacific Rugged Servers Market Overview
6.2 Asia Pacific Rugged Servers Market Revenue (US$ Million), 2022 - 2030
6.3 Asia Pacific Rugged Servers Market Forecast and Analysis

7. ASIA PACIFIC RUGGED SERVERS MARKET ANALYSIS - TYPE

7.1 Universal
  7.1.1 Overview
  7.1.2 Universal Market Revenue and Forecasts to 2030 (US$ Million)
7.2 Dedicated
  7.2.1 Overview
  7.2.2 Dedicated Market Revenue and Forecasts to 2030 (US$ Million)

8. ASIA PACIFIC RUGGED SERVERS MARKET ANALYSIS - END-USER

8.1 Aerospace
  8.1.1 Overview
  8.1.2 Aerospace Market Revenue and Forecasts to 2030 (US$ Million)
8.2 Oil and Gas
  8.2.1 Overview
  8.2.2 Oil and Gas Market Revenue and Forecasts to 2030 (US$ Million)
8.3 Manufacturing
  8.3.1 Overview
  8.3.2 Manufacturing Market Revenue and Forecasts to 2030 (US$ Million)
8.4 Telecommunication
  8.4.1 Overview
  8.4.2 Telecommunication Market Revenue and Forecasts to 2030 (US$ Million)
8.5 Mining
  8.5.1 Overview
  8.5.2 Mining Market Revenue and Forecasts to 2030 (US$ Million)
8.6 Energy
  8.6.1 Overview
  8.6.2 Energy Market Revenue and Forecasts to 2030 (US$ Million)
8.7 Logistics
  8.7.1 Overview
  8.7.2 Logistics Market Revenue and Forecasts to 2030 (US$ Million)
8.8 Construction
  8.8.1 Overview

+44 20 8123 2220
info@marketpublishers.com

8.8.2 Construction Market Revenue and Forecasts to 2030 (US$ Million)
8.9 Others
8.9.1 Overview
8.9.2 Others Market Revenue and Forecasts to 2030 (US$ Million)

9. ASIA PACIFIC RUGGED SERVERS MARKET - COUNTRY ANALYSIS

9.1 Overview
9.1.1 Rugged Servers Market Breakdown by Countries
9.1.1.1 Australia Rugged Servers Market Revenue and Forecasts to 2030 (US$ Mn)
9.1.1.1.1 Australia Rugged Servers Market Breakdown by Type
9.1.1.1.2 Australia Rugged Servers Market Breakdown by End-User
9.1.1.2 China Rugged Servers Market Revenue and Forecasts to 2030 (US$ Mn)
9.1.1.2.1 China Rugged Servers Market Breakdown by Type
9.1.1.2.2 China Rugged Servers Market Breakdown by End-User
9.1.1.3 India Rugged Servers Market Revenue and Forecasts to 2030 (US$ Mn)
9.1.1.3.1 India Rugged Servers Market Breakdown by Type
9.1.1.3.2 India Rugged Servers Market Breakdown by End-User
9.1.1.4 Japan Rugged Servers Market Revenue and Forecasts to 2030 (US$ Mn)
9.1.1.4.1 Japan Rugged Servers Market Breakdown by Type
9.1.1.4.2 Japan Rugged Servers Market Breakdown by End-User
9.1.1.5 South Korea Rugged Servers Market Revenue and Forecasts to 2030 (US$ Mn)
9.1.1.5.1 South Korea Rugged Servers Market Breakdown by Type
9.1.1.5.2 South Korea Rugged Servers Market Breakdown by End-User
9.1.1.6 Rest of Asia Pacific Rugged Servers Market Revenue and Forecasts to 2030 (US$ Mn)
9.1.1.6.1 Rest of Asia Pacific Rugged Servers Market Breakdown by Type
9.1.1.6.2 Rest of Asia Pacific Rugged Servers Market Breakdown by End-User

10. COMPETITIVE LANDSCAPE

10.1 Heat Map Analysis By Key Players
10.2 Company Positioning & Concentration

11. INDUSTRY LANDSCAPE

11.1 Market Initiative
11.2 New Development

+44 20 8123 2220
info@marketpublishers.com

12. COMPANY PROFILES

12.1 Crystal Group Inc
12.1.1 Key Facts
12.1.2 Business Description
12.1.3 Products and Services
12.1.4 Financial Overview
12.1.5 SWOT Analysis
12.1.6 Key Developments
12.2 Systel Inc
12.2.1 Key Facts
12.2.2 Business Description
12.2.3 Products and Services
12.2.4 Financial Overview
12.2.5 SWOT Analysis
12.2.6 Key Developments
12.3 Dell Technologies Inc
12.3.1 Key Facts
12.3.2 Business Description
12.3.3 Products and Services
12.3.4 Financial Overview
12.3.5 SWOT Analysis
12.3.6 Key Developments
12.4 ZMicro Inc
12.4.1 Key Facts
12.4.2 Business Description
12.4.3 Products and Services
12.4.4 Financial Overview
12.4.5 SWOT Analysis
12.4.6 Key Developments

13. APPENDIX

13.1 Word Index

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Asia Pacific Rugged Servers Market Forecast to 2030 - Regional Analysis - By Type (Universal and Dedicated) and End User (Aerospace, Oil & Gas, Manufacturing, Telecommunication, Mining, Energy, Logistics, Construction, and Others)

Product link: https://marketpublishers.com/r/A97F50B8A1AEEN.html

Price: US$ 3,550.00 (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/A97F50B8A1AEEN.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

+44 20 8123 2220
info@marketpublishers.com

and fax the completed form to +44 20 7900 3970