

# White Box Servers Industry Research Report 2024

<https://marketpublishers.com/r/W5A369DFD210EN.html>

Date: April 2024

Pages: 123

Price: US\$ 2,950.00 (Single User License)

ID: W5A369DFD210EN

## Abstracts

A white box server refers to customized servers that are either home built, or built by white box suppliers called ODMs (Original Design Manufacturers) such as Supermicro. The term white box simply means that the equipment is unbranded or generic. All parts are purchased separately which helps cut costs as well as provides hobbyists and data center professionals alike more customization to better fit their needs. The ease of customization allows for individual parts to be replaced, rather than replacing the entire server when equipment fails. White box servers are increasingly being used by the Open Computer Project (OCP) which was developed by Facebook.

According to APO Research, The global White Box Servers market was valued at US\$ million in 2023 and is anticipated to reach US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

Global white box servers key players include Quanta, Wistron, Inventec, etc. Global top 5 manufacturers hold a share over 95%.

North America is the largest market, with a share about 55%, followed by Europe, have a share over 20 percent.

In terms of product, rack-mount server is the largest segment, with a share about 70%. And in terms of application, the largest application is internet, followed by telecommunications.

## Report Scope

This report aims to provide a comprehensive presentation of the global market for White Box Servers, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their

position in the current marketplace, and make informed business decisions regarding White Box Servers.

The report will help the White Box Servers manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, sales volume, and average price for the overall market and the sub-segments across the different segments, by company, by Type, by Application, and by regions.

The White Box Servers market size, estimations, and forecasts are provided in terms of sales volume (K Units) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global White Box Servers market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

### Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Quanta

Wistron

Inventec

Hon Hai

MiTAC

Celestica

Super Micro Computer

Compal Electronics

Pegatron

ZT Systems

Hyve Solutions

Thinkmate

#### White Box Servers segment by Type

Rack-mount Server

Blade Server

Whole Cabinet Server

#### White Box Servers segment by Application

Internet

Telecommunications

Others

#### White Box Servers Segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

### Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

### Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global White Box Servers market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of White Box Servers and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of White Box Servers.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Chapter Outline

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Detailed analysis of White Box Servers manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of White Box Servers by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of White Box Servers in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11: The main points and conclusions of the report.

Chapter 11: The main points and conclusions of the report.

## Contents

### 1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
  - 1.5.1 Secondary Sources
  - 1.5.2 Primary Sources

### 2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 White Box Servers by Type
  - 2.2.1 Market Value Comparison by Type (2019 VS 2023 VS 2030) & (US\$ Million)
  - 2.2.2 Rack-mount Server
  - 2.2.3 Blade Server
  - 2.2.4 Whole Cabinet Server
- 2.3 White Box Servers by Application
  - 2.3.1 Market Value Comparison by Application (2019 VS 2023 VS 2030) & (US\$ Million)
  - 2.3.2 Internet
  - 2.3.3 Telecommunications
  - 2.3.4 Others
- 2.4 Global Market Growth Prospects
  - 2.4.1 Global White Box Servers Production Value Estimates and Forecasts (2019-2030)
  - 2.4.2 Global White Box Servers Production Capacity Estimates and Forecasts (2019-2030)
  - 2.4.3 Global White Box Servers Production Estimates and Forecasts (2019-2030)
  - 2.4.4 Global White Box Servers Market Average Price (2019-2030)

### 3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 3.1 Global White Box Servers Production by Manufacturers (2019-2024)
- 3.2 Global White Box Servers Production Value by Manufacturers (2019-2024)
- 3.3 Global White Box Servers Average Price by Manufacturers (2019-2024)



- 3.4 Global White Box Servers Industry Manufacturers Ranking, 2022 VS 2023 VS 2024
- 3.5 Global White Box Servers Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global White Box Servers Manufacturers, Product Type & Application
- 3.7 Global White Box Servers Manufacturers, Date of Enter into This Industry
- 3.8 Global White Box Servers Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

## **4 MANUFACTURERS PROFILED**

### 4.1 Quanta

- 4.1.1 Quanta White Box Servers Company Information
- 4.1.2 Quanta White Box Servers Business Overview
- 4.1.3 Quanta White Box Servers Production, Value and Gross Margin (2019-2024)
- 4.1.4 Quanta Product Portfolio
- 4.1.5 Quanta Recent Developments

### 4.2 Wistron

- 4.2.1 Wistron White Box Servers Company Information
- 4.2.2 Wistron White Box Servers Business Overview
- 4.2.3 Wistron White Box Servers Production, Value and Gross Margin (2019-2024)
- 4.2.4 Wistron Product Portfolio
- 4.2.5 Wistron Recent Developments

### 4.3 Inventec

- 4.3.1 Inventec White Box Servers Company Information
- 4.3.2 Inventec White Box Servers Business Overview
- 4.3.3 Inventec White Box Servers Production, Value and Gross Margin (2019-2024)
- 4.3.4 Inventec Product Portfolio
- 4.3.5 Inventec Recent Developments

### 4.4 Hon Hai

- 4.4.1 Hon Hai White Box Servers Company Information
- 4.4.2 Hon Hai White Box Servers Business Overview
- 4.4.3 Hon Hai White Box Servers Production, Value and Gross Margin (2019-2024)
- 4.4.4 Hon Hai Product Portfolio
- 4.4.5 Hon Hai Recent Developments

### 4.5 MiTAC

- 4.5.1 MiTAC White Box Servers Company Information
- 4.5.2 MiTAC White Box Servers Business Overview
- 4.5.3 MiTAC White Box Servers Production, Value and Gross Margin (2019-2024)
- 4.5.4 MiTAC Product Portfolio
- 4.5.5 MiTAC Recent Developments

#### 4.6 Celestica

4.6.1 Celestica White Box Servers Company Information

4.6.2 Celestica White Box Servers Business Overview

4.6.3 Celestica White Box Servers Production, Value and Gross Margin (2019-2024)

4.6.4 Celestica Product Portfolio

4.6.5 Celestica Recent Developments

#### 4.7 Super Micro Computer

4.7.1 Super Micro Computer White Box Servers Company Information

4.7.2 Super Micro Computer White Box Servers Business Overview

4.7.3 Super Micro Computer White Box Servers Production, Value and Gross Margin (2019-2024)

4.7.4 Super Micro Computer Product Portfolio

4.7.5 Super Micro Computer Recent Developments

#### 4.8 Compal Electronics

4.8.1 Compal Electronics White Box Servers Company Information

4.8.2 Compal Electronics White Box Servers Business Overview

4.8.3 Compal Electronics White Box Servers Production, Value and Gross Margin (2019-2024)

4.8.4 Compal Electronics Product Portfolio

4.8.5 Compal Electronics Recent Developments

#### 4.9 Pegatron

4.9.1 Pegatron White Box Servers Company Information

4.9.2 Pegatron White Box Servers Business Overview

4.9.3 Pegatron White Box Servers Production, Value and Gross Margin (2019-2024)

4.9.4 Pegatron Product Portfolio

4.9.5 Pegatron Recent Developments

#### 4.10 ZT Systems

4.10.1 ZT Systems White Box Servers Company Information

4.10.2 ZT Systems White Box Servers Business Overview

4.10.3 ZT Systems White Box Servers Production, Value and Gross Margin (2019-2024)

4.10.4 ZT Systems Product Portfolio

4.10.5 ZT Systems Recent Developments

#### 4.11 Hyve Solutions

4.11.1 Hyve Solutions White Box Servers Company Information

4.11.2 Hyve Solutions White Box Servers Business Overview

4.11.3 Hyve Solutions White Box Servers Production, Value and Gross Margin (2019-2024)

4.11.4 Hyve Solutions Product Portfolio

- 4.11.5 Hyve Solutions Recent Developments
- 4.12 Thinkmate
  - 4.12.1 Thinkmate White Box Servers Company Information
  - 4.12.2 Thinkmate White Box Servers Business Overview
  - 4.12.3 Thinkmate White Box Servers Production, Value and Gross Margin (2019-2024)
  - 4.12.4 Thinkmate Product Portfolio
  - 4.12.5 Thinkmate Recent Developments

## **5 GLOBAL WHITE BOX SERVERS PRODUCTION BY REGION**

- 5.1 Global White Box Servers Production Estimates and Forecasts by Region: 2019 VS 2023 VS 2030
- 5.2 Global White Box Servers Production by Region: 2019-2030
  - 5.2.1 Global White Box Servers Production by Region: 2019-2024
  - 5.2.2 Global White Box Servers Production Forecast by Region (2025-2030)
- 5.3 Global White Box Servers Production Value Estimates and Forecasts by Region: 2019 VS 2023 VS 2030
- 5.4 Global White Box Servers Production Value by Region: 2019-2030
  - 5.4.1 Global White Box Servers Production Value by Region: 2019-2024
  - 5.4.2 Global White Box Servers Production Value Forecast by Region (2025-2030)
- 5.5 Global White Box Servers Market Price Analysis by Region (2019-2024)
- 5.6 Global White Box Servers Production and Value, YOY Growth
  - 5.6.1 North America White Box Servers Production Value Estimates and Forecasts (2019-2030)
  - 5.6.2 China Taiwan White Box Servers Production Value Estimates and Forecasts (2019-2030)
  - 5.6.3 Japan White Box Servers Production Value Estimates and Forecasts (2019-2030)

## **6 GLOBAL WHITE BOX SERVERS CONSUMPTION BY REGION**

- 6.1 Global White Box Servers Consumption Estimates and Forecasts by Region: 2019 VS 2023 VS 2030
- 6.2 Global White Box Servers Consumption by Region (2019-2030)
  - 6.2.1 Global White Box Servers Consumption by Region: 2019-2030
  - 6.2.2 Global White Box Servers Forecasted Consumption by Region (2025-2030)
- 6.3 North America
  - 6.3.1 North America White Box Servers Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.3.2 North America White Box Servers Consumption by Country (2019-2030)

6.3.3 U.S.

6.3.4 Canada

6.4 Europe

6.4.1 Europe White Box Servers Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.4.2 Europe White Box Servers Consumption by Country (2019-2030)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.5 Asia Pacific

6.5.1 Asia Pacific White Box Servers Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.5.2 Asia Pacific White Box Servers Consumption by Country (2019-2030)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 China Taiwan

6.5.7 Southeast Asia

6.5.8 India

6.5.9 Australia

6.6 Latin America, Middle East & Africa

6.6.1 Latin America, Middle East & Africa White Box Servers Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.6.2 Latin America, Middle East & Africa White Box Servers Consumption by Country (2019-2030)

6.6.3 Mexico

6.6.4 Brazil

6.6.5 Turkey

6.6.5 GCC Countries

## **7 SEGMENT BY TYPE**

7.1 Global White Box Servers Production by Type (2019-2030)

7.1.1 Global White Box Servers Production by Type (2019-2030) & (K Units)

7.1.2 Global White Box Servers Production Market Share by Type (2019-2030)

7.2 Global White Box Servers Production Value by Type (2019-2030)

- 7.2.1 Global White Box Servers Production Value by Type (2019-2030) & (US\$ Million)
- 7.2.2 Global White Box Servers Production Value Market Share by Type (2019-2030)
- 7.3 Global White Box Servers Price by Type (2019-2030)

## **8 SEGMENT BY APPLICATION**

- 8.1 Global White Box Servers Production by Application (2019-2030)
  - 8.1.1 Global White Box Servers Production by Application (2019-2030) & (K Units)
  - 8.1.2 Global White Box Servers Production by Application (2019-2030) & (K Units)
- 8.2 Global White Box Servers Production Value by Application (2019-2030)
  - 8.2.1 Global White Box Servers Production Value by Application (2019-2030) & (US\$ Million)
  - 8.2.2 Global White Box Servers Production Value Market Share by Application (2019-2030)
- 8.3 Global White Box Servers Price by Application (2019-2030)

## **9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET**

- 9.1 White Box Servers Value Chain Analysis
  - 9.1.1 White Box Servers Key Raw Materials
  - 9.1.2 Raw Materials Key Suppliers
  - 9.1.3 White Box Servers Production Mode & Process
- 9.2 White Box Servers Sales Channels Analysis
  - 9.2.1 Direct Comparison with Distribution Share
  - 9.2.2 White Box Servers Distributors
  - 9.2.3 White Box Servers Customers

## **10 GLOBAL WHITE BOX SERVERS ANALYZING MARKET DYNAMICS**

- 10.1 White Box Servers Industry Trends
- 10.2 White Box Servers Industry Drivers
- 10.3 White Box Servers Industry Opportunities and Challenges
- 10.4 White Box Servers Industry Restraints

## **11 REPORT CONCLUSION**

## **12 DISCLAIMER**

## I would like to order

Product name: White Box Servers Industry Research Report 2024

Product link: <https://marketpublishers.com/r/W5A369DFD210EN.html>

Price: US\$ 2,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/W5A369DFD210EN.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**

Customer 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