

# Global In-Row Coolers Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/IE6927296CCDEN.html>

Date: January 2026

Pages: 144

Price: US\$ 3,480.00 (Single User License)

ID: IE6927296CCDEN

## Abstracts

According to our (Global Info Research) latest study, the global In-Row Coolers market size was valued at US\$ 4011 million in 2025 and is forecast to a readjusted size of US\$ 6716 million by 2032 with a CAGR of 7.6% during review period.

In-Row Coolers are close-coupled precision cooling products installed between server racks, designed to remove heat at the source and improve cooling efficiency in medium- to high-density data centers. In 2025, global In-Row Coolers production reached approximately 102,600 units, with an average global market price of around US\$ 38,000 per unit. Monthly production capacity is 120 units per line. Gross Profit Margin: 32%. The industry chain of In-Row Coolers begins with upstream suppliers of compressors, heat exchangers, fans, control electronics, and sheet metal components. Midstream manufacturers integrate these core components into standardized or customized in-row cooling units, conducting system design, assembly, and reliability testing. Downstream, products are delivered through direct sales to data center owners, hyperscale cloud providers, and system integrators, often bundled with overall data center cooling or infrastructure projects. In-Row Coolers represent a transitional but highly practical cooling product in the evolution of data center thermal management. They effectively bridge the gap between traditional room-level cooling and advanced liquid cooling, offering a balanced solution for operators facing rising rack densities without fully redesigning their facilities. While their long-term role may be constrained by liquid cooling adoption in ultra-high-density AI data centers, In-Row Coolers will remain a stable and essential choice for retrofit projects and mid- to high-density environments.

This report is a detailed and comprehensive analysis for global In-Row Coolers market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Cooling Method 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 In-Row Coolers market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global In-Row Coolers market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global In-Row Coolers market size and forecasts, by Cooling Method and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global In-Row Coolers market shares of main players, shipments in revenue (\$ Million), sales quantity (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 In-Row Coolers
- 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 In-Row Coolers 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 Schneider Electric, Vertiv, Stulz, Rittal, Huawei, Delta Electronics, Johnson Controls, Daikin, Mitsubishi Electric, Toshiba Carrier, etc.

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

### **Market Segmentation**

In-Row Coolers market is split by Cooling Method and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Cooling Method, 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 Cooling Method

Chilled Water In-Row Coolers

Direct Expansion (DX) In-Row Coolers

Refrigerant-Based In-Row Coolers

#### Market segment by Cooling Density

Standard-Density

High-Density

#### **Market segment by Application**

Enterprise Data Centers

Hyperscale Data Centers

AI / HPC Data Centers

Edge Data Centers

#### Major players covered

Schneider Electric

Vertiv

Stulz

Rittal

Huawei

Delta Electronics

Johnson Controls

Daikin

Mitsubishi Electric

Toshiba Carrier

LG Electronics

Hitachi

Fujitsu General

Munters

Canatal

Airedale By Modine

Climaveneta

Blue Box Group

HiRef

Iceotope

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 In-Row Coolers product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of In-Row Coolers, with price, sales quantity, revenue, and global market share of In-Row Coolers from 2021 to 2026.

Chapter 3, the In-Row Coolers competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the In-Row Coolers 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 Cooling Method and by Application, with sales market share and growth rate by Cooling Method, 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 In-Row Coolers market forecast, by regions, by Cooling Method, 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 In-Row Coolers.

Chapter 14 and 15, to describe In-Row Coolers sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Cooling Method

1.3.1 Overview: Global In-Row Coolers Consumption Value by Cooling Method: 2021 Versus 2025 Versus 2032

1.3.2 Chilled Water In-Row Coolers

1.3.3 Direct Expansion (DX) In-Row Coolers

1.3.4 Refrigerant-Based In-Row Coolers

1.4 Market Analysis by Cooling Density

1.4.1 Overview: Global In-Row Coolers Consumption Value by Cooling Density: 2021 Versus 2025 Versus 2032

1.4.2 Standard-Density

1.4.3 High-Density

1.5 Market Analysis by Application

1.5.1 Overview: Global In-Row Coolers Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.5.2 Enterprise Data Centers

1.5.3 Hyperscale Data Centers

1.5.4 AI / HPC Data Centers

1.5.5 Edge Data Centers

1.6 Global In-Row Coolers Market Size & Forecast

1.6.1 Global In-Row Coolers Consumption Value (2021 & 2025 & 2032)

1.6.2 Global In-Row Coolers Sales Quantity (2021-2032)

1.6.3 Global In-Row Coolers Average Price (2021-2032)

### 2 MANUFACTURERS PROFILES

2.1 Schneider Electric

2.1.1 Schneider Electric Details

2.1.2 Schneider Electric Major Business

2.1.3 Schneider Electric In-Row Coolers Product and Services

2.1.4 Schneider Electric In-Row Coolers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.1.5 Schneider Electric Recent Developments/Updates

2.2 Vertiv

- 2.2.1 Vertiv Details
- 2.2.2 Vertiv Major Business
- 2.2.3 Vertiv In-Row Coolers Product and Services
- 2.2.4 Vertiv In-Row Coolers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.2.5 Vertiv Recent Developments/Updates
- 2.3 Stulz
  - 2.3.1 Stulz Details
  - 2.3.2 Stulz Major Business
  - 2.3.3 Stulz In-Row Coolers Product and Services
  - 2.3.4 Stulz In-Row Coolers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.3.5 Stulz Recent Developments/Updates
- 2.4 Rittal
  - 2.4.1 Rittal Details
  - 2.4.2 Rittal Major Business
  - 2.4.3 Rittal In-Row Coolers Product and Services
  - 2.4.4 Rittal In-Row Coolers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.4.5 Rittal Recent Developments/Updates
- 2.5 Huawei
  - 2.5.1 Huawei Details
  - 2.5.2 Huawei Major Business
  - 2.5.3 Huawei In-Row Coolers Product and Services
  - 2.5.4 Huawei In-Row Coolers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.5.5 Huawei Recent Developments/Updates
- 2.6 Delta Electronics
  - 2.6.1 Delta Electronics Details
  - 2.6.2 Delta Electronics Major Business
  - 2.6.3 Delta Electronics In-Row Coolers Product and Services
  - 2.6.4 Delta Electronics In-Row Coolers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.6.5 Delta Electronics Recent Developments/Updates
- 2.7 Johnson Controls
  - 2.7.1 Johnson Controls Details
  - 2.7.2 Johnson Controls Major Business
  - 2.7.3 Johnson Controls In-Row Coolers Product and Services
  - 2.7.4 Johnson Controls In-Row Coolers Sales Quantity, Average Price, Revenue,

## Gross Margin and Market Share (2021-2026)

### 2.7.5 Johnson Controls Recent Developments/Updates

## 2.8 Daikin

### 2.8.1 Daikin Details

### 2.8.2 Daikin Major Business

### 2.8.3 Daikin In-Row Coolers Product and Services

### 2.8.4 Daikin In-Row Coolers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.8.5 Daikin Recent Developments/Updates

## 2.9 Mitsubishi Electric

### 2.9.1 Mitsubishi Electric Details

### 2.9.2 Mitsubishi Electric Major Business

### 2.9.3 Mitsubishi Electric In-Row Coolers Product and Services

### 2.9.4 Mitsubishi Electric In-Row Coolers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.9.5 Mitsubishi Electric Recent Developments/Updates

## 2.10 Toshiba Carrier

### 2.10.1 Toshiba Carrier Details

### 2.10.2 Toshiba Carrier Major Business

### 2.10.3 Toshiba Carrier In-Row Coolers Product and Services

### 2.10.4 Toshiba Carrier In-Row Coolers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.10.5 Toshiba Carrier Recent Developments/Updates

## 2.11 LG Electronics

### 2.11.1 LG Electronics Details

### 2.11.2 LG Electronics Major Business

### 2.11.3 LG Electronics In-Row Coolers Product and Services

### 2.11.4 LG Electronics In-Row Coolers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.11.5 LG Electronics Recent Developments/Updates

## 2.12 Hitachi

### 2.12.1 Hitachi Details

### 2.12.2 Hitachi Major Business

### 2.12.3 Hitachi In-Row Coolers Product and Services

### 2.12.4 Hitachi In-Row Coolers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.12.5 Hitachi Recent Developments/Updates

## 2.13 Fujitsu General

### 2.13.1 Fujitsu General Details

- 2.13.2 Fujitsu General Major Business
- 2.13.3 Fujitsu General In-Row Coolers Product and Services
- 2.13.4 Fujitsu General In-Row Coolers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.13.5 Fujitsu General Recent Developments/Updates
- 2.14 Munters
  - 2.14.1 Munters Details
  - 2.14.2 Munters Major Business
  - 2.14.3 Munters In-Row Coolers Product and Services
  - 2.14.4 Munters In-Row Coolers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.14.5 Munters Recent Developments/Updates
- 2.15 Canatal
  - 2.15.1 Canatal Details
  - 2.15.2 Canatal Major Business
  - 2.15.3 Canatal In-Row Coolers Product and Services
  - 2.15.4 Canatal In-Row Coolers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.15.5 Canatal Recent Developments/Updates
- 2.16 Airedale By Modine
  - 2.16.1 Airedale By Modine Details
  - 2.16.2 Airedale By Modine Major Business
  - 2.16.3 Airedale By Modine In-Row Coolers Product and Services
  - 2.16.4 Airedale By Modine In-Row Coolers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.16.5 Airedale By Modine Recent Developments/Updates
- 2.17 Climaveneta
  - 2.17.1 Climaveneta Details
  - 2.17.2 Climaveneta Major Business
  - 2.17.3 Climaveneta In-Row Coolers Product and Services
  - 2.17.4 Climaveneta In-Row Coolers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.17.5 Climaveneta Recent Developments/Updates
- 2.18 Blue Box Group
  - 2.18.1 Blue Box Group Details
  - 2.18.2 Blue Box Group Major Business
  - 2.18.3 Blue Box Group In-Row Coolers Product and Services
  - 2.18.4 Blue Box Group In-Row Coolers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

- 2.18.5 Blue Box Group Recent Developments/Updates
- 2.19 HiRef
  - 2.19.1 HiRef Details
  - 2.19.2 HiRef Major Business
  - 2.19.3 HiRef In-Row Coolers Product and Services
  - 2.19.4 HiRef In-Row Coolers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.19.5 HiRef Recent Developments/Updates
- 2.20 Iceotope
  - 2.20.1 Iceotope Details
  - 2.20.2 Iceotope Major Business
  - 2.20.3 Iceotope In-Row Coolers Product and Services
  - 2.20.4 Iceotope In-Row Coolers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.20.5 Iceotope Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: IN-RW COOLERS BY MANUFACTURER**

- 3.1 Global In-Row Coolers Sales Quantity by Manufacturer (2021-2026)
- 3.2 Global In-Row Coolers Revenue by Manufacturer (2021-2026)
- 3.3 Global In-Row Coolers Average Price by Manufacturer (2021-2026)
- 3.4 Market Share Analysis (2025)
  - 3.4.1 Producer Shipments of In-Row Coolers by Manufacturer Revenue (\$MM) and Market Share (%): 2025
  - 3.4.2 Top 3 In-Row Coolers Manufacturer Market Share in 2025
  - 3.4.3 Top 6 In-Row Coolers Manufacturer Market Share in 2025
- 3.5 In-Row Coolers Market: Overall Company Footprint Analysis
  - 3.5.1 In-Row Coolers Market: Region Footprint
  - 3.5.2 In-Row Coolers Market: Company Product Type Footprint
  - 3.5.3 In-Row Coolers Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

### **4 CONSUMPTION ANALYSIS BY REGION**

- 4.1 Global In-Row Coolers Market Size by Region
  - 4.1.1 Global In-Row Coolers Sales Quantity by Region (2021-2032)
  - 4.1.2 Global In-Row Coolers Consumption Value by Region (2021-2032)
  - 4.1.3 Global In-Row Coolers Average Price by Region (2021-2032)

- 4.2 North America In-Row Coolers Consumption Value (2021-2032)
- 4.3 Europe In-Row Coolers Consumption Value (2021-2032)
- 4.4 Asia-Pacific In-Row Coolers Consumption Value (2021-2032)
- 4.5 South America In-Row Coolers Consumption Value (2021-2032)
- 4.6 Middle East & Africa In-Row Coolers Consumption Value (2021-2032)

## **5 MARKET SEGMENT BY COOLING METHOD**

- 5.1 Global In-Row Coolers Sales Quantity by Cooling Method (2021-2032)
- 5.2 Global In-Row Coolers Consumption Value by Cooling Method (2021-2032)
- 5.3 Global In-Row Coolers Average Price by Cooling Method (2021-2032)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global In-Row Coolers Sales Quantity by Application (2021-2032)
- 6.2 Global In-Row Coolers Consumption Value by Application (2021-2032)
- 6.3 Global In-Row Coolers Average Price by Application (2021-2032)

## **7 NORTH AMERICA**

- 7.1 North America In-Row Coolers Sales Quantity by Cooling Method (2021-2032)
- 7.2 North America In-Row Coolers Sales Quantity by Application (2021-2032)
- 7.3 North America In-Row Coolers Market Size by Country
  - 7.3.1 North America In-Row Coolers Sales Quantity by Country (2021-2032)
  - 7.3.2 North America In-Row Coolers Consumption Value by Country (2021-2032)
  - 7.3.3 United States Market Size and Forecast (2021-2032)
  - 7.3.4 Canada Market Size and Forecast (2021-2032)
  - 7.3.5 Mexico Market Size and Forecast (2021-2032)

## **8 EUROPE**

- 8.1 Europe In-Row Coolers Sales Quantity by Cooling Method (2021-2032)
- 8.2 Europe In-Row Coolers Sales Quantity by Application (2021-2032)
- 8.3 Europe In-Row Coolers Market Size by Country
  - 8.3.1 Europe In-Row Coolers Sales Quantity by Country (2021-2032)
  - 8.3.2 Europe In-Row Coolers Consumption Value by Country (2021-2032)
  - 8.3.3 Germany Market Size and Forecast (2021-2032)
  - 8.3.4 France Market Size and Forecast (2021-2032)
  - 8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific In-Row Coolers Sales Quantity by Cooling Method (2021-2032)

9.2 Asia-Pacific In-Row Coolers Sales Quantity by Application (2021-2032)

9.3 Asia-Pacific In-Row Coolers Market Size by Region

9.3.1 Asia-Pacific In-Row Coolers Sales Quantity by Region (2021-2032)

9.3.2 Asia-Pacific In-Row Coolers Consumption Value by Region (2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

## **10 SOUTH AMERICA**

10.1 South America In-Row Coolers Sales Quantity by Cooling Method (2021-2032)

10.2 South America In-Row Coolers Sales Quantity by Application (2021-2032)

10.3 South America In-Row Coolers Market Size by Country

10.3.1 South America In-Row Coolers Sales Quantity by Country (2021-2032)

10.3.2 South America In-Row Coolers Consumption Value by Country (2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa In-Row Coolers Sales Quantity by Cooling Method (2021-2032)

11.2 Middle East & Africa In-Row Coolers Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa In-Row Coolers Market Size by Country

11.3.1 Middle East & Africa In-Row Coolers Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa In-Row Coolers Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

### 11.3.6 South Africa Market Size and Forecast (2021-2032)

## **12 MARKET DYNAMICS**

- 12.1 In-Row Coolers Market Drivers
- 12.2 In-Row Coolers Market Restraints
- 12.3 In-Row Coolers Trends Analysis
- 12.4 Porters Five Forces Analysis
  - 12.4.1 Threat of New Entrants
  - 12.4.2 Bargaining Power of Suppliers
  - 12.4.3 Bargaining Power of Buyers
  - 12.4.4 Threat of Substitutes
  - 12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

- 13.1 Raw Material of In-Row Coolers and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of In-Row Coolers
- 13.3 In-Row Coolers Production Process
- 13.4 Industry Value Chain Analysis

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors
- 14.2 In-Row Coolers Typical Distributors
- 14.3 In-Row Coolers Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

- Table 1. Global In-Row Coolers Consumption Value by Cooling Method, (USD Million), 2021 & 2025 & 2032
- Table 2. Global In-Row Coolers Consumption Value by Cooling Density, (USD Million), 2021 & 2025 & 2032
- Table 3. Global In-Row Coolers Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Table 4. Schneider Electric Basic Information, Manufacturing Base and Competitors
- Table 5. Schneider Electric Major Business
- Table 6. Schneider Electric In-Row Coolers Product and Services
- Table 7. Schneider Electric In-Row Coolers Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 8. Schneider Electric Recent Developments/Updates
- Table 9. Vertiv Basic Information, Manufacturing Base and Competitors
- Table 10. Vertiv Major Business
- Table 11. Vertiv In-Row Coolers Product and Services
- Table 12. Vertiv In-Row Coolers Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 13. Vertiv Recent Developments/Updates
- Table 14. Stulz Basic Information, Manufacturing Base and Competitors
- Table 15. Stulz Major Business
- Table 16. Stulz In-Row Coolers Product and Services
- Table 17. Stulz In-Row Coolers Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 18. Stulz Recent Developments/Updates
- Table 19. Rittal Basic Information, Manufacturing Base and Competitors
- Table 20. Rittal Major Business
- Table 21. Rittal In-Row Coolers Product and Services
- Table 22. Rittal In-Row Coolers Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 23. Rittal Recent Developments/Updates
- Table 24. Huawei Basic Information, Manufacturing Base and Competitors
- Table 25. Huawei Major Business
- Table 26. Huawei In-Row Coolers Product and Services
- Table 27. Huawei In-Row Coolers Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

- Table 28. Huawei Recent Developments/Updates
- Table 29. Delta Electronics Basic Information, Manufacturing Base and Competitors
- Table 30. Delta Electronics Major Business
- Table 31. Delta Electronics In-Row Coolers Product and Services
- Table 32. Delta Electronics In-Row Coolers Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 33. Delta Electronics Recent Developments/Updates
- Table 34. Johnson Controls Basic Information, Manufacturing Base and Competitors
- Table 35. Johnson Controls Major Business
- Table 36. Johnson Controls In-Row Coolers Product and Services
- Table 37. Johnson Controls In-Row Coolers Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 38. Johnson Controls Recent Developments/Updates
- Table 39. Daikin Basic Information, Manufacturing Base and Competitors
- Table 40. Daikin Major Business
- Table 41. Daikin In-Row Coolers Product and Services
- Table 42. Daikin In-Row Coolers Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 43. Daikin Recent Developments/Updates
- Table 44. Mitsubishi Electric Basic Information, Manufacturing Base and Competitors
- Table 45. Mitsubishi Electric Major Business
- Table 46. Mitsubishi Electric In-Row Coolers Product and Services
- Table 47. Mitsubishi Electric In-Row Coolers Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 48. Mitsubishi Electric Recent Developments/Updates
- Table 49. Toshiba Carrier Basic Information, Manufacturing Base and Competitors
- Table 50. Toshiba Carrier Major Business
- Table 51. Toshiba Carrier In-Row Coolers Product and Services
- Table 52. Toshiba Carrier In-Row Coolers Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 53. Toshiba Carrier Recent Developments/Updates
- Table 54. LG Electronics Basic Information, Manufacturing Base and Competitors
- Table 55. LG Electronics Major Business
- Table 56. LG Electronics In-Row Coolers Product and Services
- Table 57. LG Electronics In-Row Coolers Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 58. LG Electronics Recent Developments/Updates
- Table 59. Hitachi Basic Information, Manufacturing Base and Competitors
- Table 60. Hitachi Major Business

- Table 61. Hitachi In-Row Coolers Product and Services
- Table 62. Hitachi In-Row Coolers Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 63. Hitachi Recent Developments/Updates
- Table 64. Fujitsu General Basic Information, Manufacturing Base and Competitors
- Table 65. Fujitsu General Major Business
- Table 66. Fujitsu General In-Row Coolers Product and Services
- Table 67. Fujitsu General In-Row Coolers Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 68. Fujitsu General Recent Developments/Updates
- Table 69. Munters Basic Information, Manufacturing Base and Competitors
- Table 70. Munters Major Business
- Table 71. Munters In-Row Coolers Product and Services
- Table 72. Munters In-Row Coolers Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 73. Munters Recent Developments/Updates
- Table 74. Canatal Basic Information, Manufacturing Base and Competitors
- Table 75. Canatal Major Business
- Table 76. Canatal In-Row Coolers Product and Services
- Table 77. Canatal In-Row Coolers Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 78. Canatal Recent Developments/Updates
- Table 79. Airedale By Modine Basic Information, Manufacturing Base and Competitors
- Table 80. Airedale By Modine Major Business
- Table 81. Airedale By Modine In-Row Coolers Product and Services
- Table 82. Airedale By Modine In-Row Coolers Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 83. Airedale By Modine Recent Developments/Updates
- Table 84. Climaveneta Basic Information, Manufacturing Base and Competitors
- Table 85. Climaveneta Major Business
- Table 86. Climaveneta In-Row Coolers Product and Services
- Table 87. Climaveneta In-Row Coolers Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 88. Climaveneta Recent Developments/Updates
- Table 89. Blue Box Group Basic Information, Manufacturing Base and Competitors
- Table 90. Blue Box Group Major Business
- Table 91. Blue Box Group In-Row Coolers Product and Services
- Table 92. Blue Box Group In-Row Coolers Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

- Table 93. Blue Box Group Recent Developments/Updates
- Table 94. HiRef Basic Information, Manufacturing Base and Competitors
- Table 95. HiRef Major Business
- Table 96. HiRef In-Row Coolers Product and Services
- Table 97. HiRef In-Row Coolers Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 98. HiRef Recent Developments/Updates
- Table 99. Iceotope Basic Information, Manufacturing Base and Competitors
- Table 100. Iceotope Major Business
- Table 101. Iceotope In-Row Coolers Product and Services
- Table 102. Iceotope In-Row Coolers Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 103. Iceotope Recent Developments/Updates
- Table 104. Global In-Row Coolers Sales Quantity by Manufacturer (2021-2026) & (Units)
- Table 105. Global In-Row Coolers Revenue by Manufacturer (2021-2026) & (USD Million)
- Table 106. Global In-Row Coolers Average Price by Manufacturer (2021-2026) & (US\$/Unit)
- Table 107. Market Position of Manufacturers in In-Row Coolers, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025
- Table 108. Head Office and In-Row Coolers Production Site of Key Manufacturer
- Table 109. In-Row Coolers Market: Company Product Type Footprint
- Table 110. In-Row Coolers Market: Company Product Application Footprint
- Table 111. In-Row Coolers New Market Entrants and Barriers to Market Entry
- Table 112. In-Row Coolers Mergers, Acquisition, Agreements, and Collaborations
- Table 113. Global In-Row Coolers Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR
- Table 114. Global In-Row Coolers Sales Quantity by Region (2021-2026) & (Units)
- Table 115. Global In-Row Coolers Sales Quantity by Region (2027-2032) & (Units)
- Table 116. Global In-Row Coolers Consumption Value by Region (2021-2026) & (USD Million)
- Table 117. Global In-Row Coolers Consumption Value by Region (2027-2032) & (USD Million)
- Table 118. Global In-Row Coolers Average Price by Region (2021-2026) & (US\$/Unit)
- Table 119. Global In-Row Coolers Average Price by Region (2027-2032) & (US\$/Unit)
- Table 120. Global In-Row Coolers Sales Quantity by Cooling Method (2021-2026) & (Units)
- Table 121. Global In-Row Coolers Sales Quantity by Cooling Method (2027-2032) &

(Units)

Table 122. Global In-Row Coolers Consumption Value by Cooling Method (2021-2026) & (USD Million)

Table 123. Global In-Row Coolers Consumption Value by Cooling Method (2027-2032) & (USD Million)

Table 124. Global In-Row Coolers Average Price by Cooling Method (2021-2026) & (US\$/Unit)

Table 125. Global In-Row Coolers Average Price by Cooling Method (2027-2032) & (US\$/Unit)

Table 126. Global In-Row Coolers Sales Quantity by Application (2021-2026) & (Units)

Table 127. Global In-Row Coolers Sales Quantity by Application (2027-2032) & (Units)

Table 128. Global In-Row Coolers Consumption Value by Application (2021-2026) & (USD Million)

Table 129. Global In-Row Coolers Consumption Value by Application (2027-2032) & (USD Million)

Table 130. Global In-Row Coolers Average Price by Application (2021-2026) & (US\$/Unit)

Table 131. Global In-Row Coolers Average Price by Application (2027-2032) & (US\$/Unit)

Table 132. North America In-Row Coolers Sales Quantity by Cooling Method (2021-2026) & (Units)

Table 133. North America In-Row Coolers Sales Quantity by Cooling Method (2027-2032) & (Units)

Table 134. North America In-Row Coolers Sales Quantity by Application (2021-2026) & (Units)

Table 135. North America In-Row Coolers Sales Quantity by Application (2027-2032) & (Units)

Table 136. North America In-Row Coolers Sales Quantity by Country (2021-2026) & (Units)

Table 137. North America In-Row Coolers Sales Quantity by Country (2027-2032) & (Units)

Table 138. North America In-Row Coolers Consumption Value by Country (2021-2026) & (USD Million)

Table 139. North America In-Row Coolers Consumption Value by Country (2027-2032) & (USD Million)

Table 140. Europe In-Row Coolers Sales Quantity by Cooling Method (2021-2026) & (Units)

Table 141. Europe In-Row Coolers Sales Quantity by Cooling Method (2027-2032) & (Units)

- Table 142. Europe In-Row Coolers Sales Quantity by Application (2021-2026) & (Units)
- Table 143. Europe In-Row Coolers Sales Quantity by Application (2027-2032) & (Units)
- Table 144. Europe In-Row Coolers Sales Quantity by Country (2021-2026) & (Units)
- Table 145. Europe In-Row Coolers Sales Quantity by Country (2027-2032) & (Units)
- Table 146. Europe In-Row Coolers Consumption Value by Country (2021-2026) & (USD Million)
- Table 147. Europe In-Row Coolers Consumption Value by Country (2027-2032) & (USD Million)
- Table 148. Asia-Pacific In-Row Coolers Sales Quantity by Cooling Method (2021-2026) & (Units)
- Table 149. Asia-Pacific In-Row Coolers Sales Quantity by Cooling Method (2027-2032) & (Units)
- Table 150. Asia-Pacific In-Row Coolers Sales Quantity by Application (2021-2026) & (Units)
- Table 151. Asia-Pacific In-Row Coolers Sales Quantity by Application (2027-2032) & (Units)
- Table 152. Asia-Pacific In-Row Coolers Sales Quantity by Region (2021-2026) & (Units)
- Table 153. Asia-Pacific In-Row Coolers Sales Quantity by Region (2027-2032) & (Units)
- Table 154. Asia-Pacific In-Row Coolers Consumption Value by Region (2021-2026) & (USD Million)
- Table 155. Asia-Pacific In-Row Coolers Consumption Value by Region (2027-2032) & (USD Million)
- Table 156. South America In-Row Coolers Sales Quantity by Cooling Method (2021-2026) & (Units)
- Table 157. South America In-Row Coolers Sales Quantity by Cooling Method (2027-2032) & (Units)
- Table 158. South America In-Row Coolers Sales Quantity by Application (2021-2026) & (Units)
- Table 159. South America In-Row Coolers Sales Quantity by Application (2027-2032) & (Units)
- Table 160. South America In-Row Coolers Sales Quantity by Country (2021-2026) & (Units)
- Table 161. South America In-Row Coolers Sales Quantity by Country (2027-2032) & (Units)
- Table 162. South America In-Row Coolers Consumption Value by Country (2021-2026) & (USD Million)
- Table 163. South America In-Row Coolers Consumption Value by Country (2027-2032) & (USD Million)
- Table 164. Middle East & Africa In-Row Coolers Sales Quantity by Cooling Method

(2021-2026) & (Units)

Table 165. Middle East & Africa In-Row Coolers Sales Quantity by Cooling Method

(2027-2032) & (Units)

Table 166. Middle East & Africa In-Row Coolers Sales Quantity by Application

(2021-2026) & (Units)

Table 167. Middle East & Africa In-Row Coolers Sales Quantity by Application

(2027-2032) & (Units)

Table 168. Middle East & Africa In-Row Coolers Sales Quantity by Country (2021-2026)  
& (Units)

Table 169. Middle East & Africa In-Row Coolers Sales Quantity by Country (2027-2032)  
& (Units)

Table 170. Middle East & Africa In-Row Coolers Consumption Value by Country  
(2021-2026) & (USD Million)

Table 171. Middle East & Africa In-Row Coolers Consumption Value by Country  
(2027-2032) & (USD Million)

Table 172. In-Row Coolers Raw Material

Table 173. Key Manufacturers of In-Row Coolers Raw Materials

Table 174. In-Row Coolers Typical Distributors

Table 175. In-Row Coolers Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. In-Row Coolers Picture

Figure 2. Global In-Row Coolers Revenue by Cooling Method, (USD Million), 2021 & 2025 & 2032

Figure 3. Global In-Row Coolers Revenue Market Share by Cooling Method in 2025

Figure 4. Chilled Water In-Row Coolers Examples

Figure 5. Direct Expansion (DX) In-Row Coolers Examples

Figure 6. Refrigerant-Based In-Row Coolers Examples

Figure 7. Global In-Row Coolers Revenue by Cooling Density, (USD Million), 2021 & 2025 & 2032

Figure 8. Global In-Row Coolers Revenue Market Share by Cooling Density in 2025

Figure 9. Standard-Density Examples

Figure 10. High-Density Examples

Figure 11. Global In-Row Coolers Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 12. Global In-Row Coolers Revenue Market Share by Application in 2025

Figure 13. Enterprise Data Centers Examples

Figure 14. Hyperscale Data Centers Examples

Figure 15. AI / HPC Data Centers Examples

Figure 16. Edge Data Centers Examples

Figure 17. Global In-Row Coolers Consumption Value, (USD Million): 2021 & 2025 & 2032

Figure 18. Global In-Row Coolers Consumption Value and Forecast (2021-2032) & (USD Million)

Figure 19. Global In-Row Coolers Sales Quantity (2021-2032) & (Units)

Figure 20. Global In-Row Coolers Price (2021-2032) & (US\$/Unit)

Figure 21. Global In-Row Coolers Sales Quantity Market Share by Manufacturer in 2025

Figure 22. Global In-Row Coolers Revenue Market Share by Manufacturer in 2025

Figure 23. Producer Shipments of In-Row Coolers by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 24. Top 3 In-Row Coolers Manufacturer (Revenue) Market Share in 2025

Figure 25. Top 6 In-Row Coolers Manufacturer (Revenue) Market Share in 2025

Figure 26. Global In-Row Coolers Sales Quantity Market Share by Region (2021-2032)

Figure 27. Global In-Row Coolers Consumption Value Market Share by Region (2021-2032)

Figure 28. North America In-Row Coolers Consumption Value (2021-2032) & (USD

Million)

Figure 29. Europe In-Row Coolers Consumption Value (2021-2032) & (USD Million)

Figure 30. Asia-Pacific In-Row Coolers Consumption Value (2021-2032) & (USD Million)

Figure 31. South America In-Row Coolers Consumption Value (2021-2032) & (USD Million)

Figure 32. Middle East & Africa In-Row Coolers Consumption Value (2021-2032) & (USD Million)

Figure 33. Global In-Row Coolers Sales Quantity Market Share by Cooling Method (2021-2032)

Figure 34. Global In-Row Coolers Consumption Value Market Share by Cooling Method (2021-2032)

Figure 35. Global In-Row Coolers Average Price by Cooling Method (2021-2032) & (US\$/Unit)

Figure 36. Global In-Row Coolers Sales Quantity Market Share by Application (2021-2032)

Figure 37. Global In-Row Coolers Revenue Market Share by Application (2021-2032)

Figure 38. Global In-Row Coolers Average Price by Application (2021-2032) & (US\$/Unit)

Figure 39. North America In-Row Coolers Sales Quantity Market Share by Cooling Method (2021-2032)

Figure 40. North America In-Row Coolers Sales Quantity Market Share by Application (2021-2032)

Figure 41. North America In-Row Coolers Sales Quantity Market Share by Country (2021-2032)

Figure 42. North America In-Row Coolers Consumption Value Market Share by Country (2021-2032)

Figure 43. United States In-Row Coolers Consumption Value (2021-2032) & (USD Million)

Figure 44. Canada In-Row Coolers Consumption Value (2021-2032) & (USD Million)

Figure 45. Mexico In-Row Coolers Consumption Value (2021-2032) & (USD Million)

Figure 46. Europe In-Row Coolers Sales Quantity Market Share by Cooling Method (2021-2032)

Figure 47. Europe In-Row Coolers Sales Quantity Market Share by Application (2021-2032)

Figure 48. Europe In-Row Coolers Sales Quantity Market Share by Country (2021-2032)

Figure 49. Europe In-Row Coolers Consumption Value Market Share by Country (2021-2032)

Figure 50. Germany In-Row Coolers Consumption Value (2021-2032) & (USD Million)

Figure 51. France In-Row Coolers Consumption Value (2021-2032) & (USD Million)

Figure 52. United Kingdom In-Row Coolers Consumption Value (2021-2032) & (USD Million)

Figure 53. Russia In-Row Coolers Consumption Value (2021-2032) & (USD Million)

Figure 54. Italy In-Row Coolers Consumption Value (2021-2032) & (USD Million)

Figure 55. Asia-Pacific In-Row Coolers Sales Quantity Market Share by Cooling Method (2021-2032)

Figure 56. Asia-Pacific In-Row Coolers Sales Quantity Market Share by Application (2021-2032)

Figure 57. Asia-Pacific In-Row Coolers Sales Quantity Market Share by Region (2021-2032)

Figure 58. Asia-Pacific In-Row Coolers Consumption Value Market Share by Region (2021-2032)

Figure 59. China In-Row Coolers Consumption Value (2021-2032) & (USD Million)

Figure 60. Japan In-Row Coolers Consumption Value (2021-2032) & (USD Million)

Figure 61. South Korea In-Row Coolers Consumption Value (2021-2032) & (USD Million)

Figure 62. India In-Row Coolers Consumption Value (2021-2032) & (USD Million)

Figure 63. Southeast Asia In-Row Coolers Consumption Value (2021-2032) & (USD Million)

Figure 64. Australia In-Row Coolers Consumption Value (2021-2032) & (USD Million)

Figure 65. South America In-Row Coolers Sales Quantity Market Share by Cooling Method (2021-2032)

Figure 66. South America In-Row Coolers Sales Quantity Market Share by Application (2021-2032)

Figure 67. South America In-Row Coolers Sales Quantity Market Share by Country (2021-2032)

Figure 68. South America In-Row Coolers Consumption Value Market Share by Country (2021-2032)

Figure 69. Brazil In-Row Coolers Consumption Value (2021-2032) & (USD Million)

Figure 70. Argentina In-Row Coolers Consumption Value (2021-2032) & (USD Million)

Figure 71. Middle East & Africa In-Row Coolers Sales Quantity Market Share by Cooling Method (2021-2032)

Figure 72. Middle East & Africa In-Row Coolers Sales Quantity Market Share by Application (2021-2032)

Figure 73. Middle East & Africa In-Row Coolers Sales Quantity Market Share by Country (2021-2032)

Figure 74. Middle East & Africa In-Row Coolers Consumption Value Market Share by

Country (2021-2032)

Figure 75. Turkey In-Row Coolers Consumption Value (2021-2032) & (USD Million)

Figure 76. Egypt In-Row Coolers Consumption Value (2021-2032) & (USD Million)

Figure 77. Saudi Arabia In-Row Coolers Consumption Value (2021-2032) & (USD Million)

Figure 78. South Africa In-Row Coolers Consumption Value (2021-2032) & (USD Million)

Figure 79. In-Row Coolers Market Drivers

Figure 80. In-Row Coolers Market Restraints

Figure 81. In-Row Coolers Market Trends

Figure 82. Porters Five Forces Analysis

Figure 83. Manufacturing Cost Structure Analysis of In-Row Coolers in 2025

Figure 84. Manufacturing Process Analysis of In-Row Coolers

Figure 85. In-Row Coolers Industrial Chain

Figure 86. Sales Channel: Direct to End-User vs Distributors

Figure 87. Direct Channel Pros & Cons

Figure 88. Indirect Channel Pros & Cons

Figure 89. Methodology

Figure 90. Research Process and Data Source

## I would like to order

Product name: Global In-Row Coolers Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/IE6927296CCDEN.html>

Price: US\$ 3,480.00 (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/IE6927296CCDEN.html>