

South Korea Data Center Construction Market Size, Share, Trends and Forecast by Construction Type, Data Center Type, Tier Standards, Vertical, and Region, 2026-2034

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Abstracts

The South Korea data center construction market size reached USD 1,214.6 Million in 2025. Looking forward, IMARC Group expects the market to reach USD 2,125.0 Million by 2034, exhibiting a growth rate (CAGR) of 6.22% during 2026-2034. Government-backed initiatives and rising institutional investment are driving the data center construction market in South Korea. Policy support, financial backing, and public-private partnerships (PPP) are catalyzing the demand for large-scale infrastructure. Additionally, investors view data centers as stable, high-return assets, which is boosting development, contributing to the expansion of the South Korea data center construction market share.

SOUTH KOREA DATA CENTER CONSTRUCTION MARKET TRENDS:

Increasing Institutional Investment

Asset managers, pension funds, and infrastructure investors are progressively acknowledging data centers as high-return, low-risk assets, particularly as the demand from artificial intelligence (AI), cloud computing, and digital platforms rises. Investment strategies from these institutions facilitate extensive, multi-phase projects that correspond with national digital objectives and changing business requirements. These investments not only offer the financial support needed for building hyperscale facilities, but also promote advancements in design, energy efficiency, and automation. Additionally, the establishment of specialized data center investment funds and the possible introduction of real estate investment trusts (REITs) indicates an evolving

market that provides varied, adaptable financial options for participants. This increasing financial investment reduces entry obstacles for operators and speeds up project implementation in both urban and suburban areas. Institutional support also fosters standardization, adherence to regulations, and sustainability, enhancing South Korea's credibility and attractiveness as a regional center for digital infrastructure. In 2025, Koramco Asset Management announced plans to invest ₩10 trillion (\$7 billion) in South Korean data centers by 2032, aiming to become the nation's largest data center operator. It will raise ₩5 trillion through a dedicated fund by 2028 and may launch a data center-backed REIT. The strategy includes building a 1GW IT-load capacity portfolio amid rising demand from AI and cloud computing.

Government-Backed Mega Projects

Government-backed data center initiatives on a large scale is a critical factor impelling the South Korea data center construction market growth. In 2025, South Korea announced plans to build one of the world's largest AI data centers, led by Fir Hills (SFR) in partnership with the Jeollanam-do provincial government. The 3GW facility, expected to be completed by 2028, aims to generate \$3.5 billion annually and create over 10,000 jobs. It will support hyperscalers and AI developers, advancing Korea's position in global AI infrastructure. These efforts demonstrate a robust national dedication to the advancement of digital infrastructure and indicate enduring policy consistency and investment backing for both domestic and international stakeholders. Government participation offers essential facilitators including land distribution, expedited regulatory approvals, power supply assurances, and access to public-private financing structures. This establishes a conducive setting for implementing high-capacity, advanced facilities aimed at supporting emerging technologies, such as AI, quantum computing, and hyperscale cloud computing. Moreover, these large-scale projects aid in job generation, local economic progress, and industrial variety, which subsequently draw more investments from international technology companies and infrastructure investment funds. The magnitude and aspirations of these initiatives also contribute to establishing new industry standards related to capacity, sustainability, and energy efficiency.

SOUTH KOREA DATA CENTER CONSTRUCTION MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the country and regional levels for 2026-2034. Our report has categorized the market based on construction type, data center type, tier standards, and vertical.

Construction Type Insights:

Electrical Construction

Mechanical Construction

The report has provided a detailed breakup and analysis of the market based on the construction type. This includes electrical construction and mechanical construction.

Data Center Type Insights:

Mid-Size Data Centers

Enterprise Data Centers

Large Data Centers

A detailed breakup and analysis of the market based on the data center type have also been provided in the report. This includes mid-size data centers, enterprise data centers, and large data centers.

Tier Standards Insights:

Tier I and II

Tier III

Tier IV

The report has provided a detailed breakup and analysis of the market based on the tier standards. This includes tier I and II, tier III, and tier IV.

Vertical Insights:

Public Sector

Oil and Energy

Media and Entertainment

IT and Telecommunication

Banking, Financial Services and Insurance (BFSI)

Healthcare

Retail

Others

A detailed breakup and analysis of the market based on the vertical have also been provided in the report. This includes public sector, oil and energy, media and entertainment, IT and telecommunication, banking, financial services and insurance (BFSI), healthcare, retail, and others.

Regional Insights:

Seoul Capital Area

Yeongnam (Southeastern Region)

Honam (Southwestern Region)

Hoseo (Central Region)

Others

The report has also provided a comprehensive analysis of all the major regional markets, which include Seoul Capital Area, Yeongnam (Southeastern Region), Honam (Southwestern Region), Hoseo (Central Region), and others.

COMPETITIVE LANDSCAPE:

The market research report has also provided a comprehensive analysis of the competitive landscape. Competitive analysis such as market structure, key player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided.

KEY QUESTIONS ANSWERED IN THIS REPORT

How has the South Korea data center construction market performed so far and how will it perform in the coming years?

What is the breakup of the South Korea data center construction market on the basis of construction type?

What is the breakup of the South Korea data center construction market on the basis of data center type?

What is the breakup of the South Korea data center construction market on the basis of tier standards?

What is the breakup of the South Korea data center construction market on the basis of vertical?

What is the breakup of the South Korea data center construction market on the basis of region?

What are the various stages in the value chain of the South Korea data center construction market?

What are the key driving factors and challenges in the South Korea data center construction market?

What is the structure of the South Korea data center construction market and who are the key players?

What is the degree of competition in the South Korea data center construction market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 SOUTH KOREA DATA CENTER CONSTRUCTION MARKET - INTRODUCTION

- 4.1 Overview
- 4.2 Market Dynamics
- 4.3 Industry Trends
- 4.4 Competitive Intelligence

5 SOUTH KOREA DATA CENTER CONSTRUCTION MARKET LANDSCAPE

- 5.1 Historical and Current Market Trends (2020-2025)
- 5.2 Market Forecast (2026-2034)

6 SOUTH KOREA DATA CENTER CONSTRUCTION MARKET - BREAKUP BY CONSTRUCTION TYPE

- 6.1 Electrical Construction
 - 6.1.1 Overview
 - 6.1.2 Historical and Current Market Trends (2020-2025)
 - 6.1.3 Market Forecast (2026-2034)
- 6.2 Mechanical Construction
 - 6.2.1 Overview

6.2.2 Historical and Current Market Trends (2020-2025)

6.2.3 Market Forecast (2026-2034)

7 SOUTH KOREA DATA CENTER CONSTRUCTION MARKET - BREAKUP BY DATA CENTER TYPE

7.1 Mid-Size Data Centers

7.1.1 Overview

7.1.2 Historical and Current Market Trends (2020-2025)

7.1.3 Market Forecast (2026-2034)

7.2 Enterprise Data Centers

7.2.1 Overview

7.2.2 Historical and Current Market Trends (2020-2025)

7.2.3 Market Forecast (2026-2034)

7.3 Large Data Centers

7.3.1 Overview

7.3.2 Historical and Current Market Trends (2020-2025)

7.3.3 Market Forecast (2026-2034)

8 SOUTH KOREA DATA CENTER CONSTRUCTION MARKET - BREAKUP BY TIER STANDARDS

8.1 Tier I and II

8.1.1 Overview

8.1.2 Historical and Current Market Trends (2020-2025)

8.1.3 Market Forecast (2026-2034)

8.2 Tier III

8.2.1 Overview

8.2.2 Historical and Current Market Trends (2020-2025)

8.2.3 Market Forecast (2026-2034)

8.3 Tier IV

8.3.1 Overview

8.3.2 Historical and Current Market Trends (2020-2025)

8.3.3 Market Forecast (2026-2034)

9 SOUTH KOREA DATA CENTER CONSTRUCTION MARKET - BREAKUP BY VERTICAL

9.1 Public Sector

- 9.1.1 Overview
- 9.1.2 Historical and Current Market Trends (2020-2025)
- 9.1.3 Market Forecast (2026-2034)
- 9.2 Oil and Energy
 - 9.2.1 Overview
 - 9.2.2 Historical and Current Market Trends (2020-2025)
 - 9.2.3 Market Forecast (2026-2034)
- 9.3 Media and Entertainment
 - 9.3.1 Overview
 - 9.3.2 Historical and Current Market Trends (2020-2025)
 - 9.3.3 Market Forecast (2026-2034)
- 9.4 IT and Telecommunication
 - 9.4.1 Overview
 - 9.4.2 Historical and Current Market Trends (2020-2025)
 - 9.4.3 Market Forecast (2026-2034)
- 9.5 Banking, Financial Services and Insurance (BFSI)
 - 9.5.1 Overview
 - 9.5.2 Historical and Current Market Trends (2020-2025)
 - 9.5.3 Market Forecast (2026-2034)
- 9.6 Healthcare
 - 9.6.1 Overview
 - 9.6.2 Historical and Current Market Trends (2020-2025)
 - 9.6.3 Market Forecast (2026-2034)
- 9.7 Retail
 - 9.7.1 Overview
 - 9.7.2 Historical and Current Market Trends (2020-2025)
 - 9.7.3 Market Forecast (2026-2034)
- 9.8 Others
 - 9.8.1 Historical and Current Market Trends (2020-2025)
 - 9.8.2 Market Forecast (2026-2034)

10 SOUTH KOREA DATA CENTER CONSTRUCTION MARKET – BREAKUP BY REGION

- 10.1 Seoul Capital Area
 - 10.1.1 Overview
 - 10.1.2 Historical and Current Market Trends (2020-2025)
 - 10.1.3 Market Breakup by Construction Type
 - 10.1.4 Market Breakup by Data Center Type

- 10.1.5 Market Breakup by Tier Standards
- 10.1.6 Market Breakup by Vertical
- 10.1.7 Key Players
- 10.1.8 Market Forecast (2026-2034)
- 10.2 Yeongnam (Southeastern Region)
 - 10.2.1 Overview
 - 10.2.2 Historical and Current Market Trends (2020-2025)
 - 10.2.3 Market Breakup by Construction Type
 - 10.2.4 Market Breakup by Data Center Type
 - 10.2.5 Market Breakup by Tier Standards
 - 10.2.6 Market Breakup by Vertical
 - 10.2.7 Key Players
 - 10.2.8 Market Forecast (2026-2034)
- 10.3 Honam (Southwestern Region)
 - 10.3.1 Overview
 - 10.3.2 Historical and Current Market Trends (2020-2025)
 - 10.3.3 Market Breakup by Construction Type
 - 10.3.4 Market Breakup by Data Center Type
 - 10.3.5 Market Breakup by Tier Standards
 - 10.3.6 Market Breakup by Vertical
 - 10.3.7 Key Players
 - 10.3.8 Market Forecast (2026-2034)
- 10.4 Hoseo (Central Region)
 - 10.4.1 Overview
 - 10.4.2 Historical and Current Market Trends (2020-2025)
 - 10.4.3 Market Breakup by Construction Type
 - 10.4.4 Market Breakup by Data Center Type
 - 10.4.5 Market Breakup by Tier Standards
 - 10.4.6 Market Breakup by Vertical
 - 10.4.7 Key Players
 - 10.4.8 Market Forecast (2026-2034)
- 10.5 Others
 - 10.5.1 Historical and Current Market Trends (2020-2025)
 - 10.5.2 Market Forecast (2026-2034)

11 SOUTH KOREA DATA CENTER CONSTRUCTION MARKET – COMPETITIVE LANDSCAPE

11.1 Overview

- 11.2 Market Structure
- 11.3 Market Player Positioning
- 11.4 Top Winning Strategies
- 11.5 Competitive Dashboard
- 11.6 Company Evaluation Quadrant

12 PROFILES OF KEY PLAYERS

- 12.1 Company A
 - 12.1.1 Business Overview
 - 12.1.2 Services Offered
 - 12.1.3 Business Strategies
 - 12.1.4 SWOT Analysis
 - 12.1.5 Major News and Events
- 12.2 Company B
 - 12.2.1 Business Overview
 - 12.2.2 Services Offered
 - 12.2.3 Business Strategies
 - 12.2.4 SWOT Analysis
 - 12.2.5 Major News and Events
- 12.3 Company C
 - 12.3.1 Business Overview
 - 12.3.2 Services Offered
 - 12.3.3 Business Strategies
 - 12.3.4 SWOT Analysis
 - 12.3.5 Major News and Events
- 12.4 Company D
 - 12.4.1 Business Overview
 - 12.4.2 Services Offered
 - 12.4.3 Business Strategies
 - 12.4.4 SWOT Analysis
 - 12.4.5 Major News and Events
- 12.5 Company E
 - 12.5.1 Business Overview
 - 12.5.2 Services Offered
 - 12.5.3 Business Strategies
 - 12.5.4 SWOT Analysis
 - 12.5.5 Major News and Events

13 SOUTH KOREA DATA CENTER CONSTRUCTION MARKET - INDUSTRY ANALYSIS

13.1 Drivers, Restraints, and Opportunities

13.1.1 Overview

13.1.2 Drivers

13.1.3 Restraints

13.1.4 Opportunities

13.2 Porters Five Forces Analysis

13.2.1 Overview

13.2.2 Bargaining Power of Buyers

13.2.3 Bargaining Power of Suppliers

13.2.4 Degree of Competition

13.2.5 Threat of New Entrants

13.2.6 Threat of Substitutes

13.3 Value Chain Analysis

14 APPENDIX

I would like to order

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