

Taiwan Data Center Market - Investment Analysis & Growth Opportunities 2023-2028

Market Report | 2023-06-28 | 110 pages | Arizton Advisory & Intelligence

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Report description:

The Taiwan data center market is expected to grow at a CAGR of 14.57% from 2022-2028.

KEY HIGHLIGHTS

- The Taiwan data center market is one of the emerging markets in the APAC region. The industry is aided by its proximity to mainland China, growing submarine cable connectivity, strong digitalization growth, adoption of advanced technologies, the establishment of industrial parks, and other factors.
- The market is witnessing more focus from the government towards adopting sustainable energy sources to overcome emissions and growing power demand in the country. For instance, the Taiwan government plans to reach its renewable energy capacity of around 9 GW and 45 GW by 2025 and 2030, respectively.
- The Taiwan data center market is dominated by local telecom operators such as Chunghwa Telecom and Chief Telecom, followed by other operators such as Acer eDC, NTT Communications, Far Eastone Telecommunication, Taiwan Mobile, and others. The market's growth opportunities have attracted new investors such as Vantage Data Centers, Empyrion DC, and SC Zeus Data Centers.
- Global cloud service providers have started investing more to increase their presence in the market AWS, Google Cloud, Microsoft Azure, and others in the country, either by cloud regions or on-ramp colocation.

WHY SHOULD YOU BUY THIS RESEARCH?

- Market size available in the investment, area, power capacity, and Taiwan colocation market revenue.
- An assessment of the data center investment in Taiwan by colocation, hyperscale, and enterprise operators.
- Investments in the area (square feet) and power capacity (MW) across states in the country.
- A detailed study of the existing Taiwan data center market landscape, an in-depth industry analysis, and insightful predictions about industry size during the forecast period.
- Snapshot of existing and upcoming third-party data center facilities in Taiwan

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- I. □ Facilities Covered (Existing): 7
- II. □ Facilities Identified (Upcoming): 4
- III. □ Coverage: 6+ Cities
- IV. □ Existing vs. Upcoming (Area)
- V. □ Existing vs. Upcoming (IT Load Capacity)
- □ Data center colocation market in Taiwan
- I. □ Market Revenue & Forecast (2022-2028)
- II. □ Retail vs. Wholesale Colocation Market
- III. □ Retail and Wholesale Colocation Pricing
- □ The Taiwan market investments are classified into IT, power, cooling, and general construction services with sizing and forecast.
- □ A comprehensive analysis of the latest trends, growth rate, potential opportunities, growth restraints, and prospects for the industry.
- □ Business overview and product offerings of prominent IT infrastructure providers, construction contractors, support infrastructure providers, and investors operating in the industry.
- □ A transparent research methodology and the analysis of the demand and supply aspects of the industry.

VENDOR LANDSCAPE

- □ Several local operators, such as Chief Telecom, Chunghwa Telecom, Far EasTone Telecommunications, and others, dominate the Taiwan data center market.
- □ Growth opportunities have attracted new investors such as Empyrion DC, SC Zeus Data Centers, and others that have entered the Taiwan data center industry. The growth in investors will increase the competitiveness in the market in terms of colocation space supply in the coming years.

IT Infrastructure Providers

- □ Atos
- □ Broadcom
- □ Cisco Systems
- □ Dell Technologies
- □ Extreme Networks
- □ Fujitsu
- □ Hitachi Vantara
- □ Hewlett Packard Enterprise
- □ IBM
- □ Juniper Networks
- □ MiTAC Holdings
- □ Pure Storage
- □ Lenovo
- □ NetApp
- □ Quanta Cloud Technology
- □ Super Micro Computer
- □ Wiyynn

Data Center Construction Contractors & Sub-Contractors

- □ AECOM
- □ CTCI
- □ Data Knit
- □ DLB Associates

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- MAA Group
- M+W Group (Exyte)
- Pacific Engineers and Constructors (PECL)

Support Infrastructure Providers

- ABB
- Airedale
- Alfa Laval
- ATEN
- Caterpillar
- Cummins
- Delta Electronics
- EAE
- Eaton
- Green Revolution Cooling
- HITEC Power Protection
- Johnson Controls
- Legrand
- Mitsubishi Electric
- Rittal
- Schneider Electric
- Socomec
- Siemens
- STULZ
- TECO Electric & Machinery
- Trane
- Vertiv

Data Center Investors

- Acer e-Enabling Data Center
- Chief Telecom
- Chunghwa Telecom
- Far EasTone Telecommunications
- NTT Communications
- Taiwan Mobile

New Entrants

- Empyrion DC
- SC Zeus Data Centers
- Vantage Data Centers

EXISTING VS. UPCOMING DATA CENTERS

- Existing Facilities in the Region (Area and Power Capacity)
- I.□Taipei
- II.□Other Cities
- List of Upcoming Facilities in the region (Area and Power Capacity)

REPORT COVERAGE:

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This report analyses the Taiwan data center market share. It elaboratively analyses the existing and upcoming facilities and investments in IT, electrical, mechanical infrastructure, general construction, and tier standards. It discusses market sizing and investment estimation for different segments. The

segmentation includes:

- IT Infrastructure
- Servers
- Storage Systems
- Network Infrastructure
- Electrical Infrastructure
- UPS Systems
- Generators
- Switches & Switchgears
- PDUs
- Other Electrical Infrastructure
- Mechanical Infrastructure
- Cooling Systems
- Racks
- Other Mechanical Infrastructure
- Cooling Systems
- CRAC & CRAH Units
- Chiller Units
- Cooling Towers, Condensers & Dry Coolers
- Economizers & Evaporative Coolers
- Other Cooling Units
- General Construction
- Core & Shell Development
- Installation & Commissioning Services
- Building & Engineering Design
- Fire Detection & Suppression Systems
- Physical Security
- Data Center Infrastructure Management (DCIM)
- Tier Standard
- Tier I & Tier II
- Tier III
- Tier IV

KEY QUESTIONS ANSWERED:

1. How much is the Taiwan data center market investment expected to grow?
2. How many data centers have been identified in Taiwan?
3. What is the growth rate of the Taiwan data center market?
4. What are the driving factors for the Taiwan data center industry?
5. Who are the key investors in the Taiwan data center market?

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