

Taiwan Data Center - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

Market Report | 2025-04-28 | 173 pages | Mordor Intelligence

AVAILABLE LICENSES:

- Single User License \$4750.00
- Team License (1-7 Users) \$5250.00
- Site License \$6500.00
- Corporate License \$8750.00

Report description:

The Taiwan Data Center Market size is estimated at 251.9 MW in 2025, and is expected to reach 400.3 MW by 2030, growing at a CAGR of 9.70%. Further, the market is expected to generate colocation revenue of USD 175 Million in 2025 and is projected to reach USD 358.8 Million by 2030, growing at a CAGR of 15.44% during the forecast period (2025-2030).

Tier 3 data center holds majority market share in 2023, Tier 4 data center is fastest growing

- The tier 3 data center facilities in the Taiwanese market reached an IT load capacity of 151.35 MW in 2022. It is expected to register a CAGR of 4.45% and reach 205.35 MW by 2029. Tier 4 data center facilities in the Taiwanese market reached an IT load capacity of 23.59 MW in 2022 and are expected to register a CAGR of 23.20% to reach a capacity of 101.65 MW by 2029.
- A significant growth rate is anticipated for tier 3 and tier 4 data centers. With an uptime of 99.98% and N+1 redundancies, tier 3 data centers account for the highest market share. In an effort to establish their respective nations as important digital centers, governments in Taiwan and other countries are also implementing initiatives and measures to draw IT-based investments into their respective nations. The Smart City program is being utilized by the government as part of its roadmap for digital transformation. These projects' fundamental tenets include the requirement for data center modernization as well as the outsourcing of edge data centers to a third party for latency-sensitive applications. These factors are helping the tier 3 segment of the Taiwanese data center market to expand.
- Over the coming years, tier 4 data centers will experience tremendous growth. This is because there are more companies offering cloud-based services, which has led to more companies building facilities to offer colocation space with the latest technological advancements.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Taiwan Data Center Market Trends

Increasing smartphone apps across end users and subsequent adoption of 5G smartphone devices leads to demand for data center

- The total number of smartphone users in the country was 21.34 million in 2022, which is expected to witness a CAGR of 0.6% during the forecast period to reach 22.61 million by 2029.
- It is estimated that by 2027, more than 90% of the Taiwanese population will use smartphones, thus increasing the number of smartphone users in the country.
- In 2022, the smartphone penetration rate in Taiwan was around 89.3%, and the share was expected to grow up to 93.7% by 2027.

Infrastructural developments and increase in 5G stations is leading to demand for data center with increase in data traffic

- The 2G and 3G data were shut off in 2018 and 2019 and had a stagnant growth during the forecast period. The 4G mobile data speed in the country was 34.9 Mbps in 2022, which is expected to witness a CAGR of 8.54% during the forecast period to reach 62 Mbps by 2029. The 5G mobile data speed in the country was 289.25 Mbps in 2022, which is expected to witness a CAGR of 14.80% during the forecast period to reach 662.0 Mbps by 2029.
- The adoption of these 5G services is projected to be accelerated by the rising need for high-speed data access for cloud and IoT applications, such as smart home energy management. However, as 5G networks offer faster speeds, higher capacity, and lower latency than 4G LTE networks, the number of 5G subscribers is growing at a quicker rate. In Taiwan, the total number of 5G customers has surpassed 1 million in the five months after the introduction of the technology. By the end of 2021, 5G penetration increased to over 30%.
- To support telecommunications operators, the Taiwanese government allocated USD 650 million, which was distributed between 2019 and 2022, to subsidize the installation of 5G in the country.

Taiwan Data Center Industry Overview

The Taiwan Data Center Market is fairly consolidated, with the top five companies occupying 105.62%. The major players in this market are Chief Telecom Inc., Chunghwa Telecom Co.,Ltd., Far EasTone Telecommunications Co., Ltd., Taiwan Mobile Co., Ltd. and Telstra Corporation Limited (sorted alphabetically).

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

Table of Contents:

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

1 EXECUTIVE SUMMARY & KEY FINDINGS

2 REPORT OFFERS

3 INTRODUCTION

3.1 Study Assumptions & Market Definition

3.2 Scope of the Study?

3.3 Research Methodology

4 MARKET OUTLOOK

4.1 It Load Capacity

4.2 Raised Floor Space

4.3 Colocation Revenue

4.4 Installed Racks

4.5 Rack Space Utilization

4.6 Submarine Cable

5 Key Industry Trends

5.1 Smartphone Users

5.2 Data Traffic Per Smartphone

5.3 Mobile Data Speed

5.4 Broadband Data Speed

5.5 Fiber Connectivity Network

5.6 Regulatory Framework

5.6.1 Taiwan

5.7 Value Chain & Distribution Channel Analysis

6 MARKET SEGMENTATION (INCLUDES MARKET SIZE IN VOLUME, FORECASTS UP TO 2030 AND ANALYSIS OF GROWTH PROSPECTS)

6.1 Hotspot

6.1.1 Taipei

6.1.2 Rest of Taiwan

6.2 Data Center Size

6.2.1 Large

6.2.2 Massive

6.2.3 Medium

6.2.4 Mega

6.2.5 Small

6.3 Tier Type

6.3.1 Tier 1 & 2

6.3.2 Tier 1 and 2

6.3.3 Tier 3

6.3.4 Tier 4

6.4 Absorption

6.4.1 Non-Utilized

6.4.2 Utilized

6.4.2.1 By Colocation Type

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 6.4.2.1.1 Hyperscale
- 6.4.2.1.2 Retail
- 6.4.2.1.3 Wholesale
- 6.4.2.2 By End User
 - 6.4.2.2.1 BFSI
 - 6.4.2.2.2 Cloud
 - 6.4.2.2.3 E-Commerce
 - 6.4.2.2.4 Government
 - 6.4.2.2.5 Manufacturing
 - 6.4.2.2.6 Media & Entertainment
 - 6.4.2.2.7 Telecom
 - 6.4.2.2.8 Other End Users
 - 6.4.2.2.9 Others End User

7 COMPETITIVE LANDSCAPE

7.1 Market Share Analysis

7.2 Company Landscape

7.3 Company Profiles (includes Global Level Overview, Market Level Overview, Core Business Segments, Financials, Headcount, Key Information, Market Rank, Market Share, Products and Services, and Analysis of Recent Developments).

7.3.1 Chief Telecom Inc.

7.3.2 Chunghwa Telecom Co.,Ltd.

7.3.3 DYXnet

7.3.4 eASPN Taiwan Inc.

7.3.5 Far EasTone Telecommunications Co., Ltd.

7.3.6 Taiwan Mobile Co., Ltd.

7.3.7 TAIWAN TELIN CO., LTD.

7.3.8 Telstra Corporation Limited

7.3.9 Zenlayer Inc

7.4 LIST OF COMPANIES STUDIED

8 KEY STRATEGIC QUESTIONS FOR DATA CENTER CEOS

9 APPENDIX

9.1 Global Overview

9.1.1 Overview

9.1.2 Porter's Five Forces Framework

9.1.3 Global Value Chain Analysis

9.1.4 Global Market Size and DROs

9.2 Sources & References

9.3 List of Tables & Figures

9.4 Primary Insights

9.5 Data Pack

9.6 Glossary of Terms

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Taiwan Data Center - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

Market Report | 2025-04-28 | 173 pages | Mordor Intelligence

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$4750.00
	Team License (1-7 Users)	\$5250.00
	Site License	\$6500.00
	Corporate License	\$8750.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-02-12"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com



Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com
www.scotts-international.com