

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

Market Report | 2025-04-28 | 180 pages | Mordor Intelligence

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Report description:

The Chile Data Center Market size is estimated at 338.3 MW in 2025, and is expected to reach 554.5 MW by 2030, growing at a CAGR of 10.38%. Further, the market is expected to generate colocation revenue of USD 2,591 Million in 2025 and is projected to reach USD 4,530.5 Million by 2030, growing at a CAGR of 11.82% during the forecast period (2025-2030).

Tier 3 data centers accounts for majority market share in 2023, Tier-4 is the fastest growing in forecasted period

- Tier 1 and 2 facilities may gradually experience a decline in demand and growth in the coming years. By 2029, these facilities are anticipated to hold a market share of 1.4% with little expansion, owing to the lengthy and irregular outages. Due to the rising demand for data processing, storing, and analysis, the majority of customers will eventually transition to tier 3 and 4 facilities, which hold 37.9% and 60.7% of the market share, respectively.
- The e-commerce and BFSI sectors of the country are growing. Recently, mobile banking usage has increased in Chile. For instance, cards were used to make about 55% of internet purchases in Chile. A total of 14% and 13% of online purchases are made via digital wallets and bank transfers, respectively. Tier 4 data centers are anticipated to record dramatic growth in the coming years as more companies are offering cloud-based services and building colocation spaces with the most advanced technology. With the rising preference for the cloud, growing data consumption, and the development of more than half a billion digital objects, Chile's data center infrastructure is expanding tremendously.
- Many Chilean businesses are switching to cloud computing. In 2022, Chile's public sector was responsible for 17% of all IT company spending.

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Chile Data Center Market Trends

Rollout of the 5G network, and increasing data usage for business, entertainment, and education drives the market growth

- The total data traffic per smartphone in the country was 4.00 GB in 2022 and is expected to witness a CAGR of 12.67% during the forecast period, reaching a value of 9.22 GB by 2029.
- The year 2022 was notable for the rollout of the 5G network, as Entel managed to complete 100% of its first stage within the first year, being present in all regions, covering 270 communes, and having more than one million subscribers who could utilize this new technology. The use of mobile data in that year increased by 33% over the national average, whether it was for business, entertainment, or education. Comparing December 2021 and December 2022, the Norte Grande's three regions-Tarapaca, Antofagasta, Arica, and Parinacota-stood out among those with the highest growth rates. These three regions saw significant gains of 78%, 72%, and 68%, respectively. The increased internet usage and the adoption of more smartphones are factors contributing to the rise in smartphone internet traffic.

The high internet penetration and smartphone technology adoption by various businesses and growing digital usage across the businesses drives the market demand

- The total number of smartphone users in the country was 15.01 million in 2022 and is expected to witness a CAGR of 3.01% during the forecast period, reaching a value of 19.26 million by 2029.
- In Chile, smartphone usage increased by more than 4% between 2020 and 2021, indicating that more individuals turned to cellphones during the COVID-19 pandemic. Notably, smartphone penetration has been growing significantly in recent years. Consequently, more people are purchasing cell phones, and this trend is expected to continue, leading to an increase in the number of smartphone users nationwide.
- E-commerce is also experiencing steady growth throughout the country. In 2020, Chile's average annual revenue per paying user amounted to USD 913. Chilean shoppers make a high percentage of cross-border e-commerce purchases, with 69% of these transactions being international. As a result, vast amounts of data are generated, leading to an increased demand for data centers across the nation.
- The growing smartphone usage has led to a higher demand for servers that power these devices. To accommodate the unpredictable data flow generated by the expanding use of smart devices, increased storage space is required. Consequently, the rising need for smart devices in the market necessitates the expansion of data centers.

Chile Data Center Industry Overview

The Chile Data Center Market is moderately consolidated, with the top five companies occupying 51.34%. The major players in this market are Ascenty (Digital Realty Trust Inc.), EdgeConneX Inc., Empresa Nacional de Telecomunicaciones SA (Entel), Equinix Inc. and General Datatech L.P. (GDT) (sorted alphabetically).

Additional Benefits:

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

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