

Chile Data Center Server - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2030

Market Report | 2024-02-17 | 90 pages | Mordor Intelligence

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Report description:

The Chile data center server market reached a value of USD 685 million in the previous years, and it is further projected to register a CAGR of 12.5% during the forecast period. The increasing demand for cloud computing among small and medium-sized enterprises (SMEs), government regulations for local data security, and growing investment by domestic players are some of the major factors driving the demand for data centers in the country.

Under Construction IT Load Capacity: The upcoming IT load capacity of the Chile data center rack market is expected to reach 480 MW by 2029.

Under Construction Raised Floor Space: The country's construction of raised floor area is expected to increase to 2.4 million sq. ft by 2029.

Planned Racks: The country's total number of racks to be installed is expected to reach above 120,000 units by 2029. Santiago is expected to house the maximum number of racks by 2029.

Planned Submarine Cables: There are around 8 submarine cable systems connecting Chile, and many are under construction.

Chile Data Center Server Market Trends

IT & Telecommunication Is The Largest Market In The Country

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- The Information and Communication Technology (ICT) sector includes both IT and telecommunications markets. IT investment is on the rise, and the demand for the ICT market is expected to grow significantly over the next five years. The growing need for exploration and adoption of digital technologies and initiatives, increasing overall demand for digitization and increasing IT infrastructure development, widespread deployment of 5G networks, and increasing penetration of technology investment are driving the growth of the Chilean ICT market.
- The ICT industry has a significant impact on Chile's Gross Domestic Product (GDP). According to the IMF (International Monetary Fund), Chile's GDP is expected to increase by USD 407.86 billion by 2027. Increased IT investment has led to significant growth in the country's GDP, creating new growth opportunities for the Chilean ICT market.
- Internet penetration in Chile is expected to grow steadily from last year to 2026, according to the ITU (International Telecommunications Union). Internet penetration in the country increased from 86.7% a year earlier, according to the survey. Internet penetration in Chile is also expected to grow by 88.8% by 2026. Increased Internet penetration will open up new growth opportunities for the ICT market in Chile.
- The COVID-19 pandemic forced a large portion of the Chilean population to stay at home at all times, and increased broadband consumption has led many to choose to work from home. The post-COVID-19 scenario has generated higher than expected demand for mobile, fixed broadband, fixed voice, pay TV, and over-the-top (OTT) services. High demand for mobile and private broadband access has opened up new growth opportunities for the ICT market in Chile.

Blade Servers To Grow At A Faster Pace In The Coming Years

- Blade servers are often used for processing huge amounts of data, but they also produce a lot of heat. These tend to be more expensive than rack or tower servers and require proper humidity and cooling infrastructure to run efficiently without damaging the hardware.
- Blade servers are installed in server bays, not in racks. This structure allows more servers to be installed in a smaller area. For example, a rack may only hold 10 rack servers, but a blade bay can hold 20 blade servers. The blade chassis can still be rack mounted, but more blade servers can fit in the same space compared to rack servers.
- To cater to end-user needs, the top companies are focusing on blade servers in data centers. The growing adoption of technologies such as cloud computing, artificial intelligence (AI), and IT services by businesses is propelling the use of servers in data centers.
- B2C e-commerce sales increased by 23% from 2020 to USD 11.6 billion in 2021, and it grew at the same rate through 2022, reaching USD 14.3 billion. Pension fund withdrawals and government financial stimuli further contributed to the COVID-19 pandemic's impact on e-commerce expansion. Around 63% of Chileans now make online purchases, up from 46% in 2017. The Internet penetration rate reached 86% in 2021, and incentives like discounts and big-scale events like cyber days are fueling the use of servers in forecasted period.

Chile Data Center Server Industry Overview

The Chile data center server Market is moderately competitive and has gained a competitive edge in recent years. In terms of market share, a few major players, such as Dell Inc., International Business Machines (IBM) Corporation, Hewlett Packard Enterprise (HPE), Super Micro Computer Inc., and Cisco Systems Inc., currently dominate the market.

In August 2023, Hewlett Packard Enterprise announced that global IT services provider phoenixNAP is expanding its bare metal cloud platform with cloud-native HPE ProLiant RL300 Gen11 servers powered by energy-efficient processors from Ampere Computing.

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In March 2023, Supermicro launched a new server that uses a standalone liquid cooling system and is designed as a platform for developing and running AI software. SYS-751GE-TNRT-NV1 Server is overheating. It features four NVIDIA A100 GPUs consuming 300 W each and is liquid-cooled by a standalone system.

Additional Benefits:

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

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