

United Arab Emirates Data Center - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2024 - 2029)

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Abstracts

The United Arab Emirates Data Center Market size is estimated at 429.3 MW in 2024, and is expected to reach 841 MW by 2029, growing at a CAGR of 14.39%. Further, the market is expected to generate colocation revenue of USD 5,575 Million in 2024 and is projected to reach USD 12,897.9 Million by 2029, growing at a CAGR of 18.26% during the forecast period (2024-2029).

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

The tier 1 & 2 data center facilities in the UAE market reached an IT load capacity of 7.20 MW in 2022 and are expected to witness growth that remains stagnant over the forecast period. The tier 3 data center facilities in the UAE market reached an IT load capacity of 178.64 MW in 2022 and are expected to register a CAGR of 11.96% to reach a capacity of 576.94 MW by 2029.

Tier 3 has a major growth rate compared to other tiers. During the forecast period, the majority of the facilities are Tier 3 certified. Some providers for upcoming facilities are Equinix Inc., Khazna Data Center, and Moro Hub.

United Arab Emirates Data Center Market Trends

Growing number of mobile users and expanding 5G private wireless networks, digitalization of the firms across the nation boosts the market growth

The data traffic per smartphone is expected to witness a steep growth from 3.5 GB in 2021 to 11.2 GB in 2029, exhibiting a CAGR of 15%.

More than 60% of all web traffic in the United Arab Emirates in 2021 was generated from mobile phones. The country's average mobile data internet speed in 2021 was about 86.8 Mbps. In the same year, 93% of the country's population were active mobile internet users. For many years, more than 50% of all web traffic in the United Arab Emirates had come from mobile devices. In 2022, mobile devices accounted for 58.51% of website traffic in the United Arab Emirates.

In March 2022, Nokia and Etisalat UAE deployed 5G private wireless networks to enable company digital transformation and take advantage of use cases for smart cities and artificial intelligence in the Industry 4.0 era.

Smartphone users are growing with the expansion of end-user industry applications and growth in IoT, cloud, data centers, and 5G

The total number of smartphone users in the United Arab Emirates was 4.70 million in 2021. The number is expected to reach 11.60 million by 2029 at a CAGR of 14%.

The increase in smartphone users may be connected to the proliferation of digital media. In the United Arab Emirates, 78% of people own at least one cellphone, and many held multiple cellphones in 2021. Compared to other nationalities, the UAE population has a smartphone penetration rate of 85%.

The UAE telecom industry is growing with the expansion of end-user industry applications and growth in IoT, cloud, data centers, and 5G. The country is also witnessing increasing internet consumption with growth in the market. Several market companies are launching innovative internet plans to meet the rising demand for internet services and capture a vast share of customers.

As per the Telecommunications Regulatory Authority (UAE), the United Arab Emirates had over 18.7 million active mobile phone subscribers as of March 2022.

United Arab Emirates Data Center Industry Overview

The United Arab Emirates Data Center Market is moderately consolidated, with the top five companies occupying 46.73%. The major players in this market are Equinix Inc., Etisalat, Gulf Data Hub, Khazna Data Center and Web Werks (sorted alphabetically).

Additional Benefits:

The market estimate (ME) sheet in Excel format

3 months of analyst support

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