

Turkey Data Center Market - Investment Analysis & Growth Opportunities 2026-2031

Market Report | 2026-03-03 | 105 pages | Arizton Advisory & Intelligence

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Report description:

The Turkey data center market is expected to grow at a CAGR of 16.56% from 2025 to 2031.

TURKEY DATA CENTER MARKET - KEY HIGHLIGHTS

- Turkey has about 32 operational colocation data centers. Most colocation data centers are being developed according to Tier III standards.
- Istanbul remains the primary data center hub in Turkey, accounting for the largest concentration of operational facilities. The city at present hosts around 21 active data centers and 2 upcoming data centers.
- The country's Renewable Energy 2035 Strategy aims to significantly scale up clean power generation by targeting 120 GW of installed wind and solar capacity by 2035. The strategy focuses on accelerating renewable project development, strengthening grid infrastructure, and improving system flexibility to accommodate variable generation. This long-term roadmap has been designed to enhance energy security, reduce import dependence, and support sustainable economic growth.
- Due to the rising demand for colocation services in Turkey, several global operators including DAMAC Digital and Khazna Data Centers entered the Turkish data center colocation market in 2024 to develop their colocation data centers in the country.

WHY SHOULD YOU BUY THIS RESEARCH?

- Market size available in the investment, area, power capacity, and Turkey colocation market revenue.
- An assessment of the data center investment in Turkey by colocation, hyperscale, and enterprise operators.
- Data center investments in the area (square feet) and power capacity (MW) across cities in the country.
- A detailed study of the existing Turkey data center market landscape, an in-depth industry analysis, and insightful predictions about the Turkey data center market size during the forecast period.
- Snapshot of existing and upcoming third-party data center facilities in Turkey
 - o Facilities Covered (Existing): 32
 - o Facilities Identified (Upcoming): 5

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- o Coverage: 5+ Locations
- o Existing vs. Upcoming (Data Center Area)
- o Existing vs. Upcoming (IT Load Capacity)
- Data center colocation market in Turkey
- o Colocation Market Revenue & Forecast (2022-2031)
- o Retail & Wholesale Colocation Revenue (2022-2031)
- o Retail & Wholesale Colocation Pricing
- Turkey data center landscape 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 market.

TURKEY DATA CENTER MARKET VENDOR LANDSCAPE

- In the current landscape of colocation investors, several established companies play a significant role. Notable players include COMnet Solutions, DataCasa, Equinix, NGN, PenDC, Radore, Sadece Hosting, Sparkle, Telehouse, Turk Telekom, Turkcell and Vodafone.
- Trendyol, the Turkish e-commerce giant owned by Alibaba, is investing approximately \$500 million to build a new 48 MW data center in Ankara, in partnership with Castle Investments, based in the UAE. The Ankara data hub will account for a phased capacity launch, starting in 2026, to support both its own operations as well as those of commercial customers.
- Khazna Data Centers, based in the UAE, is the digital infrastructure provider backed by G42; it will invest in a new AI ready data center near Ankara in the Baskent Organized Industrial Zone, with a planned capacity of up to 100 MW to support cloud, AI, and mission-critical workloads.

EXISTING VS. UPCOMING DATA CENTERS

- Existing Facilities in the region (Area and Power Capacity)
 - o Istanbul
 - o Other Cities
- List of Upcoming Facilities in the region (Area and Power Capacity)
 - o Istanbul
 - o Other Cities

The segmentation includes:

- IT Infrastructure
 - o Servers
 - o Storage Systems
 - o Network Infrastructure
- Electrical Infrastructure
 - o UPS Systems
 - o Generators
 - o Transfer Switches & Switchgears
 - o PDUs
 - o Other Electrical Infrastructure

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- Mechanical Infrastructure
 - o□Cooling Systems
 - o□Rack Cabinets
 - o□Other Mechanical Infrastructure
- Cooling Systems
 - o□CRAC & CRAH Units
 - o□Chiller Units
 - o□Cooling Towers, Condensers & Dry Coolers
 - o□Other Cooling Units
- General Construction
 - o□Core & Shell Development
 - o□Installation & Commissioning Services
 - o□Engineering & Building Design
 - o□Fire Detection & Suppression Systems
 - o□Physical Security
 - o□Data Center Infrastructure Management (DCIM)
- Tier Standard
 - o□Tier I & Tier II
 - o□Tier III
 - o□Tier IV

VENDOR LANDSCAPE

IT Infrastructure Providers

- Arista Networks
- Atos
- Broadcom
- Cisco
- Dell Technologies
- Hewlett Packard Enterprise
- Huawei Technologies
- IBM
- Inspur
- Lenovo
- NVIDIA
- Oracle

Data Center Construction Contractors & Sub-Contractors

- AECOM
- Anel Group
- Arup
- ENMAR Engineering
- Hill International
- Mace
- Manco Architects
- Prota Engineering
- RED Engineering

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- []Ronesans Holding
- []Serban
- []Turner Construction Company

Support Infrastructure Providers

- []ABB
- []Airedale
- []Alfa Laval
- []Canovate
- []Caterpillar
- []Cummins
- []EAE
- []Eaton
- []Grundfos
- []HITEC Power Protection
- []Legrand
- []Rittal
- []Rolls-Royce
- []Schneider Electric
- []Siemens
- []STULZ
- []Vertiv

Data Center Investors

- []COMnet Solutions
- []DataCasa
- []Equinix
- []NGN
- []PenDC
- []Radore
- []Sadece Hosting
- []Sparkle
- []Telehouse
- []Turk Telekom
- []Turkcell
- []Vodafone

New Entrants

- []DAMAC Digital
- []EdgeConneX
- []Google
- []Khazna Data Centers

KEY QUESTIONS ANSWERED:

- 1.[]How many existing data centers are there in Turkey?
- 2.[]How big is the Turkey data center market?

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3. How much MW of power capacity will be added across Turkey during 2026-2031?

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