

# Modular and Micro Data Center Intelligence Service

Understand how AI adoption will impact rack density and the shift in the data center power paradigm and construction approaches

## Key Questions Answered

- Will traditional and modular construction approaches co-exist in data centers?
- Which module types are most popular in data center builds? Why?
- Will prefab power modules be deployed indoor or outdoor? With what capacity?
- Who are the winners and challengers in the market? Who is likely to enter?
- Why is AI computing planned at the rack level and what knock-on effect this has?
- How open computing adoption is disrupting the data center rack and rack power distribution ecosystem? How will this impact the competitive landscape?

## What We Offer

- Cloud and colocation data center market insights with edge application analysis
- Global adoption trends across data center sizes and regions
- Strategic intelligence on power density evolution and its direct impact on product design and infrastructure planning
- Supply chain intelligence through market tracking
- Best-in-class "Ask an Analyst" service bringing direct access to experts



Data center operators face a delicate juggling act in navigating a successful growth strategy. Modular data centers continue to emerge as a predictable, scalable, and sustainable alternative to traditional stick-built designs.



**Siraj Aziz**

*Analyst*

**Data center racks, data center power distribution, and modular data centers**

**SPEAK WITH OUR EXPERTS**

# Delivering comprehensive data center intelligence solutions

## Key Deliverables



### Market Trackers

Continuous monitoring across Data Center Racks, Rack PDU systems, Quarterly Consortia, and Modular Data Centers (Micro-Modular DC and Prefab Modular DC).



### Reports

In-depth market analysis covering Data Center Racks, Rack PDU, Power Capacity, Micro DC, PMDC, and emerging trends.



### Briefings

Biannual analyst briefings presenting key research highlights across all market aspects.



### Analyst Insights and Access

Expert commentary on market developments with direct access to Omdia's regional analyst team for timely support.

## Key Research Themes

### Coverage

- **Data center racks and enclosures market** by dimension, region, country, vertical, sales channel; includes the market for rack accessories, vendor market share and racks based on the open compute project's standard
- **Rack power distribution units** by configuration, region, country, vertical, sales channel, and power rating; includes a comprehensive market share
- **Micro-modular data centers** by type, configuration, capacity, region, country, vertical, sales channel; incl. vendor market share
- **Prefabricated modular data center market** by module type, capacity, tech specs, region, country, vertical, sales channel; incl. vendor market share

### Key vendors covered

- Schneider Electric, Vertiv, Legrand, Eaton, Huawei, etc.

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