

# Data Center Micro-Module Server Room Pricing



## Article Overview

A micro-modular data center typically costs between \$82 and \$935 per unit depending on server specifications, with total deployment costs influenced by power, cooling, space, and auxiliary systems.

### Cost Factors

1. **Server and Rack Configuration** The number of server cabinets and their power capacity are primary cost drivers. Micro-modular units range from 1 to 10 cabinets with power capacities between 3 kVA and 20 kVA. A single cabinet with 3 kVA is suitable for small offices, while higher-capacity units support healthcare or telecom applications, increasing the budget slightly due to more U-space and server density .

2. **IT Equipment and Performance Pricing** varies based on CPU, RAM, and storage configurations. Ultra-compact micro-servers for edge computing or NAS applications range from \$82 to \$935 per unit, depending on whether you choose entry-level CPUs (like N100) or high-performance processors (like Intel i7) with DDR5 and NVMe storage .

3. **Power and Cooling** Traditional server rooms consume high energy for cooling and backup power. Micro-modular solutions reduce power consumption by 40-60% by cooling only the IT load rather than the entire room, which significantly lowers operational costs . Built-in UPS and in-rack cooling systems are included in most modern micro-modular units.

4. **Space and Infrastructure** Micro-modular units are compact and can replace an entire server room, freeing office space and eliminating the need for civil construction, raised flooring, or dedicated rooms. This reduces both capital expenditure and ongoing rent or facility costs .

5. **Security and...**

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Micro and modular data centers offer businesses and organizations an agile, scalable, and cost-effective

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Stulz: Micro Data center Micro DC STULZ Modular

The STULZ Micro DC is a server room in a rack and comprises all necessary infrastructure such as power, cooling, security, fire

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What is a Micro Data Center or Mini Data Center?

Another benefit of these solutions is flexibility. Self Contained Data Centers (micro datacenters and mini datacenters) can be installed

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The micro-module data center is so hot, how much do you know?

Definition and characteristics of micromodules The micro-module data center is designed to respond to changes in

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Practical Options for Deploying Small Server Rooms and Micro

Practical experience with these problems reveals a short list of effective methods to improve the availability of IT operations within

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Find breakdown of Data center cost per racks unit, sqft and KWH, MWH, Cooling, DG & UPS from our data center cost calculator for

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Micro Data Center

Delta's modular datacenter solution offers a datacenter environment that provides safe equipment operations within the racks, and

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Modular data centers are prefabricated buildings such as a container that house servers, data hall, or data

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Micro Data Center Cost 2026: Pricing & Trends

Explore micro data center cost trends for 2026. Compare pricing across edge nodes, integrated cabinets, and liquid

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### Micro modular data center

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### Micro Data Centers: What Are They? and Why Use Them?

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### How Much Does It Cost to Build a Micro Modular Data Center?

A Micro Modular data center is a self-contained, pre-built IT solution that packs everything you need—servers, power

## Contact Us

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