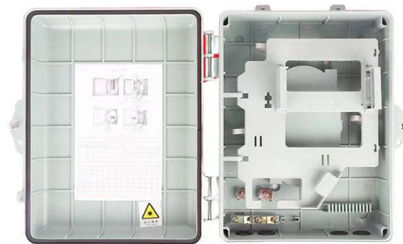


Data Center Rack Location Pricing



AI Overview

Data center rack pricing varies widely based on rack size, power, location, and additional services, with full racks in major U.S. markets typically costing \$900–\$2,000 per month.

Rack Space Options and Pricing

Data centers offer multiple rack configurations:

- Single rack units (1U/2U/4U):** Ideal for small deployments; pricing starts as low as \$79 per month for a single server but varies with power and bandwidth needs.
- Quarter racks (10U) and half racks (20–21U):** Half-rack pricing generally ranges from \$400 to \$600 per month, including basic power and shared cooling.
- Full racks (42U):** Standard full racks in Tier III facilities with dual 20-amp 208V circuits cost \$1,000–\$1,500 per month, with some locations reaching \$2,000 depending on power and facility tier.

Private cages or suites: Semi-dedicated spaces start at \$2,000–\$5,000 per month, with larger or custom build-to-suit cages quoted individually. Dedicated rooms with high power and cooling redundancy can exceed \$10,000–\$50,000 per month.

Key Pricing Factors

- Power Consumption:** Colocation pricing is often measured per kilowatt (kW). In North America, wholesale rates for 250–500 kW deployments average around \$196 per kW per month, with all-in rates including power and services closer to \$250 per kW. Internationally, high-demand markets like Singapore range from \$310–\$470 per kW.
- Location:** Tier 1 cities or major metro areas command higher prices due to better connectivity, lower latency, and disaster recovery options. Secondary markets are generally more affordable.
- Bandwidth and Connectivity:** Costs vary depending on fixed or burstable bandwidth, IP transit, and cross-connects. Dedicated 1 Gbps connections can range from \$500 to \$1,000 per month.
- Additional Services:** Remote hands, setup fees, disaster recovery, and managed services can add to monthly costs. Some providers bundle these, while others charge separately.
- Facility Quality and Redundancy:** Tier III or IV facilities with low PUE ratios and high redundancy typically charge more but offer better reliability...

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