

MODULAR DATA CENTER DATASHEET

MODULAR DATA CENTRE CONTAINERS

Modular Data Centre Container 40 ft High Cube

Prefabricated 40 ft High Cube data centre · up to 14 × 47U racks · up to 200 kW IT

SKU SI-MDC-40HC



RACKS

up to 14 × 47U

IT LOAD

up to 200 kW IT

EXTERNAL DIMENSIONS

12.19 × 2.44 ×...

PRICE

On request



REQUEST A QUOTATION ONLINE

serverinvest.com/product/si-mdc-40hc



01 Product overview

The ServerInvest Modular Data Centre Container 40 ft High Cube is a prefabricated data centre in a standard ISO container: insulated, fire-rated and delivered with racks, power distribution, cooling and monitoring already installed and tested. It is the fastest way to add IT capacity on a factory floor, a campus, at the edge or next to a renewable energy source.

Inside, up to 14 × 47U racks are arranged in a single row with a service aisle and cold-aisle containment. Cooling is sized to the load — in-row precision air conditioning for classic IT, or rack-level liquid cooling and CDUs for GPU clusters. The electrical room integrates the main distribution board, a modular online UPS with lithium batteries and A/B feeds to every rack.

Every container is engineered for your site: power and cooling capacity, autonomy, fire suppression, physical security and remote monitoring. Design it in our 3D Room Builder — including generator and solar power next to the container — and send it to our engineers for a detailed offer.

KEY SPECIFICATIONS

Internal dimensions	12.03 × 2.35 × 2.69 m
External dimensions	12.19 × 2.44 × 2.90 m
Racks	up to 14 × 47U
IT load	up to 200 kW IT
Security & monitoring	Access control, CCTV, environmental sensors, DCIM / remote monitoring

HIGHLIGHTS

- Internal dimensions 12.03 × 2.35 × 2.69 m
- up to 14 × 47U racks with hot/cold aisle containment
- up to 200 kW IT with in-row or liquid cooling
- Insulated, fire-rated (EI60) shell with fire detection & suppression
- Factory-integrated MDB, UPS, PDUs, lighting, access control & DCIM
- Configure inside our 3D Room Builder

02 Full specifications

CONTAINER

Internal dimensions	12.03 × 2.35 × 2.69 m
External dimensions	12.19 × 2.44 × 2.90 m
Racks	up to 14 × 47U
IT load	up to 200 kW IT

INTEGRATED SYSTEMS

Power	Main distribution board, modular online UPS (1+1 or N+1), lithium batteries, A/B rack PDUs
Cooling	In-row precision air conditioning (DX or chilled water) or direct liquid cooling with CDU
Safety	Fire detection (VESDA option) and clean-agent suppression, emergency lighting
Security & monitoring	Access control, CCTV, environmental sensors, DCIM / remote monitoring

03 Engineered, delivered & supported by ServerInvest

Design & sizing

Rack count, IT load, power, cooling and redundancy engineered for your site.

Factory-integrated

Power, cooling, fire suppression and monitoring installed and tested before shipment.

Site & commissioning

Foundation, grid and fibre connection, integrated systems testing and handover.

Lifecycle support

Maintenance contracts, remote monitoring and 24/7 support options.



Interested in this solution?

Request a quotation online or talk to a solutions engineer — we reply within one business day.
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