MODULAR DATA CENTER DATASHEET

MODULAR DATA CENTRE CONTAINERS

# Modular Data Centre Container 40 ft

Prefabricated 40 ft data centre · up to 14 × 42U racks · up to 150 kW IT

SKU SI-MDC-40

| RACKS | IT LOAD | EXTERNAL DIMENSIONS | PRICE |
|---|---|---|---|
| up to 14 × 42U | up to 150 kW IT | 12.19 × 2.44 ×... | On request |

REQUEST A QUOTATION ONLINE
serverinvest.com/product/si-mdc-40

## 01 Product overview

The ServerInvest Modular Data Centre Container 40 ft 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 × 42U 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 × 2.39 m** |
| External dimensions | **12.19 × 2.44 × 2.59 m** |
| Racks | **up to 14 × 42U** |
| IT load | **up to 150 kW IT** |
| Security & monitoring | **Access control, CCTV, environmental sensors, DCIM / remote monitoring** |

### HIGHLIGHTS

- Internal dimensions 12.03 × 2.35 × 2.39 m
- up to 14 × 42U racks with hot/cold aisle containment
- up to 150 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 × 2.39 m |
| External dimensions | 12.19 × 2.44 × 2.59 m |
| Racks | up to 14 × 42U |
| IT load | up to 150 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.

NATCERT ISO 9001 · NATCERT ISO 14001 · NATCERT ISO 27001 · cisco · tp-link · Omada by tp-link

## Interested in this solution?

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