

## Datwyler Micro Data Centre



### Description

The Datwyler Micro Data Centre (MDC) is a compact, fully preassembled plug-and-play IT infrastructure solution which contains in a 42U rack, among other things, an energy distribution unit, UPS, cooling unit, air gap sealing, an environment and security monitoring system as well as the associated sensors. It can be deployed within a few hours.

### Application

- Edge Computing
- Smart facilities deploying IoT devices and/or running Artificial Intelligence (AI), Augmented Reality (AR), Virtual Reality (VR), Automation, etc.
- As a computing node in remote and branch offices
- As a floor distributor

### Scope of delivery

- 42U rack, fully equipped with cable management, blanking panel and side brush for air gap sealing, door status sensor and PDUs
  - 19"/3U Energy Distribution Unit: 32A input, single-phase, for internal equipment, level 3 20kA MCB for UPS, Cooling Unit, UPS bypass and 2 PDUs
  - 19"/2U UPS/Battery pack: 3kVA capacity, 15min/30min backup time @50%load (optional)
  - 19"/5U Cooling Unit: 3.5kW capacity, DX, with split condenser
  - 19"/1U Monitoring Server: for UPS/Cooling, T/H, smoke, water leak, door status etc., sound/light alarm, supports B/S and app
  - Sensors
  - Monitoring Software (English language)
  - 10.4" touch screen
  - Optional:
    - Web camera
    - Intelligent rack lock
- \*applies to MDC300. MDC200 and MDC100: see below (and page 7 of our brochure)

### Versions

<STEPTABLE O="STEP\_PRODUCT\_325019" OT="Product" TT="267772" VC="CTX\_french" VO="267206" W="Approved" />

The Datwyler Micro Data Centre is tailor-made and customized solution to fulfil the customers' specific needs and requirements. More types and configurations available on request.