

Datwyler Micro Data Centre MDC 200

Active server rack, passively cooled



Description

Datwyler Micro Data Centre is a compact, preassembled, plug-and-play, quick to deploy, fully monitored and managed, low maintenance onsite IT infrastructure solution. It is a standalone data centre that integrates the elements of cooling, power supply, monitoring and security into a single solution.

Unlike maintaining onsite data centres and server rooms which need extensive maintenance, planning, cost and space, the Datwyler Micro Data Centre is a compact solution that enables businesses to run applications on-premise or at the "Edge".

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

Mechanical properties

Base frame	welded sheet steel frame
Front door	sheet steel, perforated, with swivel handle lock, 3-point locking, up to 180° aperture angle
Rear door	sheet steel, perforated, with swivel handle lock, 3-point locking, up to 180° aperture angle
Side panels	removable, locks with universal key
Feet	set of adjustable feet as standard
Protection class	IP 20
Bayable	yes
Mounting profile	2 pairs of 19" vertical profiles, front / rear, adjustable from inside, with U label
Cable management	integrated vertical cable managers
Earthing	pre-installed flat earthing kit

Technical properties

Supported IT load (maximum)	2.16 kW
Input voltage	380/400 VAC, 50 Hz, 3 Ph+N+PE
UPS capacity	3 kVA (PF 0.9) online double conversion, 13/28 min @ 100%/50% load
UPS autonomy time extension (optional)	25 min, 34 min, 54 min
Monitoring	Datwyler Infrastructure Monitoring System 200 (4 ports) with networked sensors
Sensors	door status(2x), temperature, humidity
User interface	webbrowser
Power box	power box PDU, 16 A, 3 phase, metered, overvoltage protection
iPDU	2x metered PDU, 18x C13 and 6x C19
Access control	programmable electronic lock
Alarm & notification	sound and light alarm, Email notification/SMS notification (customer SIM card)

Versions

Material number	Product	Outer dimensions (HxWxD)	Colour	Weight [kg]
41841700ZY	MDC 200	43 U, 2200 mm x 800 mm x 1200 mm	black	320 kg

More types and configurations available on request.

Subject to technical modification

As of 2021-09-13 09:54:19