

Datwyler Micro Data Centre MDC 100

Active network rack, not 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	with tinted safety glass, swivel handle lock, 3-point locking, up to 180° aperture angle
Rear door	sheet steel, non-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 40
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

Input voltage	230 VAC, 50 Hz, 1 Ph+N+PE
Monitoring	Datwyler Infrastructure Monitoring System 200 (4 ports) with networked sensors
Sensors	door status(2x), temperature, humidity
User interface	touch-screen display, webbrowser
Display	10” multi-touch screen display
iPDU	1x metered PDU, 18x C13 and 6x C19
Access control	programmable electronic lock
Alarm & notification	sound and light alarm, Email notification
Ventilation unit (optional)	fan module with built in digital thermostat

Versions

Material number	Product	Outer dimensions (HxWxD)	Colour	Weight [kg]
41841600ZY	MDC 100	43 U, 2200 mm x 800 mm x 800 mm	black	320 kg

More types and configurations available on request.

Subject to technical modification

As of 2021-09-13 10:09:24