

Optimum Micro Data Centre



Product Overview

The supplied material identifies the Optimum Micro Data Centre as a self-contained solution. The introductory description is partially corrupted; unreadable claims have not been reconstructed.

Key Benefits

- Complete solution — just add servers
- Scalable, with a low cost per kW
- Quick to install and commission, minimising disruption to your business
- Environmentally independent, with no heat transfer to the installation environment
- Exceptional efficiency, with PUE values as low as 1.21*
- Futureproof: rack densities can be increased as needs change
- Secure, with remote monitoring and access control
- Full airflow management, including blank panels

*The source provides no further footnote text.

Technical Features

- PUE values as low as 1.21*

- Facilities and slave rack configurations are listed at 10 kW
- Equipment rack heights are listed as 36U, 42U and 48U
- Cable and infrastructure entry through the top, bottom or rear of the rack

Source note — Certain cooling-system, power-strip, frame, load-rating and dimensional passages are unreadable in the supplied text. Those specifications have not been reconstructed.

MDC Facilities Rack

Intelligent Control Hub

- Monitors power, supply and return air temperatures, and door open/closed status
- Alarms for out-of-parameter conditions via zero-volt relay contact
- LED status lighting provides instant visual confirmation of facility rack condition
- Built-in touchscreen user interface with web browser
- Remote access and control via smartphone, tablet or computer with a web browser; requires a network connection

Power

- 1 × 10 KVA UPS managed by the Intelligent Control Hub
- Strip consumption monitoring and reporting via the Intelligent Control Hub

Cooling

- Cooling directly controlled via the Intelligent Control Hub

Security

- Electronic RFID swipe card on front door; rear door electronic slave lock
- Door-ajar contact alarms
- Access-control alarms, remote access, monitoring and access-log reporting via the Intelligent Control Hub

Frame, load-rating and dimensional details are unavailable in the supplied source text.

MDC Equipment Rack

Connection to Intelligent Control Hub

- Temperature sensors
- LED status lighting provides instant visual confirmation of facility rack condition

Security

- Electronic RFID swipe card on front door; rear door electronic slave lock
- Door-ajar contact alarms
- Access-control alarms, remote access, monitoring and access-log reporting via the Intelligent Control Hub

Power

- Strip consumption monitoring and reporting via the Intelligent Control Hub

Rack

- Adjustable 19-inch mounting angles
- Glass front door and solid steel rear door
- Cable and infrastructure entry through the top, bottom or rear of the rack
- All door panels have quick-release hinges and fittings
- Full airflow management

Additional rack dimensions and the final specification note are unavailable in the supplied source text.

Ordering Information

Model	Rack type	Power	Height	Equipment space
F1/10-360612-AGL	MDC Facilities Rack	10 kW	36U	14U
E1/0-360612-AGL	MDC Equipment Rack	—	36U	36U
S1/10-360612-AGL	MDC Slave Rack	10 kW	36U	18U
F1/10-420612-AGL	MDC Facilities Rack	10 kW	42U	20U
E1/0-420612-AGL	MDC Equipment Rack	—	42U	42U
S1/10-420612-AGL	MDC Slave Rack	10 kW	42U	22U
F1/10-480612-AGL	MDC Facilities Rack	10 kW	48U	26U
E1/0-480612-AGL	MDC Equipment Rack	—	48U	48U
S1/10-480612-AGL	MDC Slave Rack	10 kW	48U	26U

Company Contact

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