



DATA CENTRE SOLUTIONS

Hyperscale & Colocation Server
and Network Racks

Hyperscale & Colocation Server and Network Cabinet

Available up to 60U

Our range of free-standing server and network cabinets have been designed to be used in Hyperscale and Colocation applications for mission critical operations such as data storage, server housing and infrastructure cabling. There are also options available for hot/cold aisle containment.

We understand that not all off-the-shelf products suit everyone. We will work with you to create a solution that meets all your requirements. Our team of experts can design a solution to fit any cabinet configuration including height, width, depth, alignment, aisle layout and floor space.

Key Advantages

- Maximise footprint: up to 60U
- Customer density: flexible divisions from 1 to 5 compartments
- Low CO₂ footprint
- UK Manufactured

Technical Specifications

Dimensions, construction

- Height options: 42U, 47U, 54U, 60U
- Width options: 600 mm, 800 mm
- Depth options: 1000 mm, 1100 mm, 1200 mm
- 19" or ETSI format front and rear verticals, fully depth adjustable on notched depth members
- Static load capacity up to 2000 kg
- Material: mild steel
- Removable side panels
- Finish: polyester powder coat
- Standard colours:
 - Jet Black (RAL 9005)
 - Light Grey (RAL 7035)

Airflow Management

- Brushed cable entry in roof
- 80% SAFA hexagonal mesh doors
- Brush strip air blocking



Security

- Doors supplied with swing handle and 3-point locking
- Separate compartment options from 1-5 compartments
- Individual 3-point locking front and rear doors per compartment

Other

- Conforms to IEC 60297-3, EIA 310-D and BS 3192
- Base mounted copper earth bar
- Adjustable levelling feet and/or castors
- Top and bottom cable entry features
- Cabinets supplied fully assembled

Optional Features

- “White label” OEM branding
- Custom colour schemes
- Cable management: trays and tie bars
- Alarms: temperature, humidity, door open
- Active airflow management multiple fan tray options and features
- Wide range of accessories
- Bespoke designs to your requirements

About Rainford Solutions Ltd

We have been designing and manufacturing data centre racks and cabinets, hot and cold aisle containment, modular caging and partitioning systems and many more data centre solutions for over a decade. We continually innovate to meet the ever-changing infrastructure challenges of today's highly advanced technological centres.

We work with critical infrastructure operators, systems integrators and global operators to develop custom-made enclosures as well as standardised solutions for micro-data centres to hyperscalers, new or existing facilities.



Our Consult, Design, Make and Protect process allows our UK engineering team to develop solutions to your challenges, quickly and cost-effectively, ensuring your equipment will perform at its best, achieving high levels of reliability and in-life maintenance costs.

Our modern factory, including the UK's most advanced powder paint plant, can produce in volume for national and international scale infrastructure projects. We also offer factory pre-wiring to save valuable time on site.

Contact

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