# prism™

## FI Server Range

- 600mm Wide
- 800mm Wide
- Door Options

# Fi Server Enclosures

The Fi server cabinet range was designed by our in-house team of engineers to meet the needs of today's high density data centre installations. The cabinet provides ease of commissioning, cable-routing and maintenance and the unique box-section folding technique on the front, rear and side panels ensure extra strength and rigidity. Furthermore, an attractive and modern looking exterior ensures it will fit well in any office and data centre environment.

## Fi Server Enclosures

The Prism Fi is an innovative enclosure constructed from an extruded aluminium platform, with a high perforation rate for maximum airflow. The new 83% increased airflow mesh system exceeds all of the major manufacturer's requirements which ensure the FI range is fit for all installations. The range has been specifically designed to minimise weight where high densities of racks are required. The aluminium frame provides superior strength holding up to 1300kg and with its reduced weight is easily moved into any location. There are a number of cable access points supplied in the top of the cabinet as well as a complete open base type design.

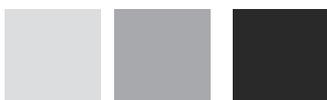## 19" Server Cabinet Typical Installation

- Data Centres
- Networking/Cabling
- 19'' Electronic Equipment Housing
- Communication Systems
- IT Systems

## Standard Features

- Bolted aluminium frame construction
- Lockable front door with 83% airflow mesh & three point locking
- Lockable rear door with 83% airflow mesh & three point locking
- Pair of lockable side panels
- 4 x 19'' universal adjustable (heavy duty) mounting profiles
- Pair of 19'' mid style (heavy duty) mounting profiles
- Raised top cover with 3 x cable entry points
- Set of heavy duty castors
- Set of cabinet feet
- Standard colour black

## Benefits and Additional Features

- Split sliding side panels
- Overhead roof cabling channels
- Custom footprint sizes

Ash Grey
RAL 00A01

Goose Grey
RAL 00A05

Black
RAL 9005

5-7 Days

Available in 5-7 days

## Fi Server Enclosures

The range has been designed to ensure maximum rigidity and weight loading without compromising the versatility of the solution. It can be easily modified, built and de-assembled where access restrictions in space are in force. There are also a vast number of accessories available with this range including High density back door cooling modules, cold aisle containment solutions, electronic locking solutions and intelligent power distribution packages.
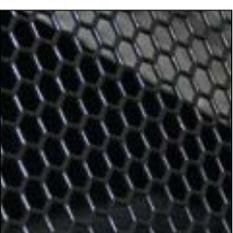

19 Inch Profiles


Curved Airflow Mesh Door


Lever Latch Lock


Mesh Allows 83% Airflow


Extruded Polished Aluminium Chassis Providing High Load Capacity.


UNIVERSAL · HP · DELL · IBM · FUJITSU · SUN MICROSYSTEMS · CISCO · NORTON · 3COM ·

## Cold Aisle Containment
See page 106 for more details



## OnRak
See page 97 for more details

# Fi Server Enclosures



Model Shown: CAB42610

## SPECIFICATION & ORDERING CHART

### 600mm Wide Enclosures

| Product Code | U height | Width (mm) | Depth (mm) | Height (mm) | Weight (kg) |
|---|---|---|---|---|---|
| FI-CAB27610-SVR | 27U | 600 | 1000 | 1360 | 110 |
| FI-CAB27612-SVR | 27U | 600 | 1200 | 1360 | 120 |
| FI-CAB42610-SVR | 42U | 600 | 1000 | 2075 | 170 |
| FI-CAB42612-SVR | 42U | 600 | 1200 | 2075 | 175 |
| FI-CAB45610-SVR | 45U | 600 | 1000 | 2218 | 180 |
| FI-CAB45612-SVR | 45U | 600 | 1200 | 2218 | 185 |
| FI-CAB47610-SVR | 47U | 600 | 1000 | 2297 | 190 |
| FI-CAB47612-SVR | 47U | 600 | 1200 | 2297 | 195 |

Ash Grey
RAL 00A01

Goose Grey
RAL 00A05

Black
RAL 9005

**5-7 Days**
Available in 5-7 days

FlatPack Option

## Related Accessories

See Page 90 for the full range
of compatible fan units

See Page 89 for the full range
of compatible shelves

See Page 91 for the full range
of available plinths

See Page 73 for
door options

# Fi Server Enclosures



Model Shown: CAB42610

## SPECIFICATION & ORDERING CHART

### 800mm Wide Enclosures

| Product Code | U height | Width (mm) | Depth (mm) | Height (mm) | Weight (kg) |
|---|---|---|---|---|---|
| FI-CAB27810-SVR | 27U | 800 | 1000 | 1360 | 110 |
| FI-CAB27812-SVR | 27U | 800 | 1200 | 1360 | 120 |
| FI-CAB42810-SVR | 42U | 800 | 1000 | 2075 | 170 |
| FI-CAB42812-SVR | 42U | 800 | 1200 | 2075 | 175 |
| FI-CAB45810-SVR | 45U | 800 | 1000 | 2218 | 180 |
| FI-CAB45812-SVR | 45U | 800 | 1200 | 2218 | 185 |
| FI-CAB47810-SVR | 47U | 800 | 1000 | 2297 | 190 |
| FI-CAB47812-SVR | 47U | 800 | 1200 | 2297 | 195 |

Ash Grey
RAL 00A01

Goose Grey
RAL 00A05

Black
RAL 9005

5-7 Days

Available in 5-7 days

FlatPack Option

## Related Accessories



See Page 90 for the full range of compatible fan units



See Page 89 for the full range of compatible shelves



See Page 92 for full range of cable management



See Page 73 for door options

# Fi Server Door Options

Although the standard cabinet comes with the most popular door options there are many applications that require different solutions.

## Wardrobe Style Doors



Wardrobe doors are used where space is at a premium. They benefit from the same upgrade paths as all other Prism door solutions which include 3 point locking, combination and intelligent locking.

### Wardrobe Style Doors

| Product Code | U Height |
| --- | --- |
| FI-WARD-27 | 27U |
| FI-WARD-42 | 42U |
| FI-WARD-47 | 47U |

- Lever latch lock fitted as standard
- 3 point locking mechanism as standard
- Solid and glass options available on request
- Additional locking options available on request (see pg 41)
- Quick release hinge mechanism

## Split Sliding Panels



Often in data centre locations and specifically shared co-location environments security is of paramount importance but ongoing access is continually required. To allow customers to achieve both, Prism have designed a number of split sliding panel solutions. Access can be achieved even when cabinets are bayed together and brush cable entry points can be offered where cross cabinet cabling is required.

### Split Sliding Panels

| Product Code | U Height |
| --- | --- |
| FI-SPLITSIDE-27 | 27U |
| FI-SPLITSIDE-42 | 42U |
| FI-SPLITSIDE-47 | 47U |

- Additional security options available
- Retrofittable