

Server Cabinet 19" 42U MGSE Series

The MGSE 42U 19" server cabinet with a tempered glass front door and a solid rear door is designed for organizing communication nodes in office and server rooms. Thanks to two pairs of front and rear rails and a permissible load of 500 kg, the cabinet allows equipment to be mounted on four points, such as servers, high-capacity UPS units, and shelves deeper than 450 mm.

The dual-sided design makes it possible to mount equipment from both sides, effectively doubling the usable U-space. For example, a 18U wall-mount cabinet can accommodate only 18 patch panels, while a 18U floor cabinet can hold up to 36 patch panels.

Depth Options: Available depths are 675 mm, 865 mm, and 1055 mm. The required depth is determined by the server depth plus 140 mm (70 mm for power cords at the rear, 70 mm clearance in front of the glass).

Although 19" rails can be fixed close to the front or rear doors, clearance must be left for connecting cords and cable organizers.

Since the cabinet is heavy and may not fit assembled through narrow hallways or doorways, it is delivered unassembled in 3–4 flat packs, each manageable by one person. The cabinet consists of symmetrical parts, making assembly simple and intuitive. Exceptions are the unit-marked rails and front/rear door mounts. Rivet nuts and pre-threaded holes allow one person to assemble the cabinet in 30–40 minutes without requiring a "third hand."

Cooling: Cooling can be implemented with a 3-fan SUNON unit (ordered separately), mounted in place of a blanking panel. Each blank can be replaced by a fan unit. Fan units can be cascaded using a C13–C14 power cord and connected to thermostats for temperature-based activation. Power is supplied with a standard CEE7–C13 cable.

Additional details:

The MGSE cabinet kit includes one fewer blanking panel, leaving an opening for cable entry or optional brush-type cable entry.

8 welded nuts for feet mounting are located at the corners of the frame, allowing height adjustment and alignment. Cabinets can be placed side-by-side using different foot placements. 4 adjustable feet included; casters ordered separately.

Powder-coated finish (fine matte texture), available in black or gray.

Steel thickness: frame 2 mm; doors, rails, walls 1.5 mm; side/rear panels and blanks 1 mm.

Specifications

Model: UA-MGSE4288B

Type: Floor-standing 19" server cabinet

Height: 42U (2020 mm)

Depth: 865 mm

Width: 800 mm

Frame standard: 19"

Front door: Tempered glass with lock & handle

Rear door: Solid steel, vented “gill” type, with lock

Side panels: Removable, lockable

Rails: 2 pairs, unit-marked (3 pairs for 1055 mm depth)

Color: Black, RAL 9005

Steel thickness: 1–2 mm

Max load: 700 kg

Protection rating: IP20

Weight: 124 kg

Packaging sizes:

Box 1: 54 kg, 191×84×8 cm

Box 2: 12 kg, 81×12×11 cm

Box 3: 27 kg, 81×49×10 cm

Box 4: 31 kg, 212×21×13 cm

Warranty: 12 months

Certificate: No. 1O094.008721-21

Delivery Set

Adjustable feet (4 pcs)

Frame

Side panels

Front & rear doors

2 pairs of 19” rails (unit-marked), +1 extra pair for 1055 mm cabinets

Blanking panels:

Depth 685 mm — 3 pcs

Depth 865 mm — 5 pcs

Depth 1055 mm — 7 pcs

Grounding kit

Mounting hardware kit