CORNIX

PRODUCT DATASHEET

CNX-DS-F24-002 · REV 1.1 · 03 NOVEMBER 2026

RACKS & CABINETS · FLOOR-STANDING NETWORK & SERVER CABINET

42U Floor-Standing Server Cabinet, 600 × 1000 mm, Glass Front Door

19-INCH · FLOOR-STANDING · 1,000 KG+ LOAD · IP20

PART NO. **CX-RC-FS-42U-600-1000-BK-GL**

Also marked on products / QR labels as: CX-RK-SF-6042-UL

PRODUCT ILLUSTRATION



Tempered glass front door
Lockable swing handle

2.0 mm mounting profiles
1,800 kg static load

4 roof fans + 8-way PDU
Cooling and power included

Castors + levelling feet
Roll into place, then level

42U	1,800 kg	600×1000×2000	IP20
RACK UNITS (19-INCH)	STATIC LOAD CAPACITY	W × D × H (MM)	INGRESS PROTECTION (IEC 60529)

OVERVIEW

Heavy-duty 19-inch floor-standing cabinet for data rooms, server rooms and building distributors. 2.0 mm mounting profiles carry 1,000 kg or more of equipment; lockable front, rear and side access, roof fans, an 8-way PDU and castors with levelling feet are included. Shipped knock-down for safe, economical freight.

- 2.0 mm mounting profiles — 1,000 kg+ static load
- Lockable front, rear and side panels
- Roof fans, 8-way PDU and vented shelf included
- 4 castors plus levelling feet
- Knock-down packing for safe, compact freight

APPLICATIONS

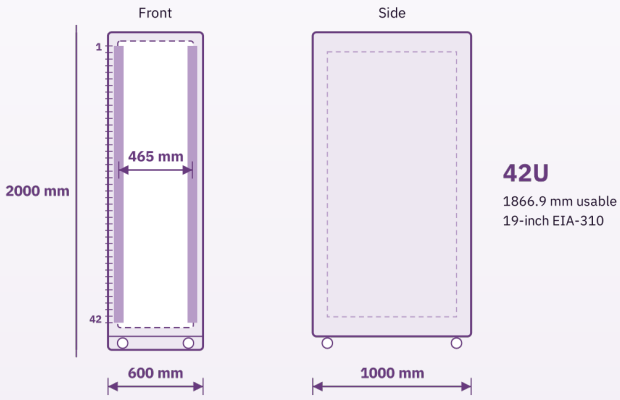
- Server rooms and data centers
- Campus and building distributors (CD/BD)
- Core switching, patching and storage

STANDARDS & COMPLIANCE

EIA-310 · IEC 60297 · IEC 60529 · UL · CE · RoHS

Technical Specifications

42U Floor-Standing Server Cabinet, 600 × 1000 mm, Glass Front Door · CX-RC-FS-42U-600-1000-BK-GL



OUTLINE DIMENSIONS & 19-INCH MOUNTING (MM)

GENERAL

Rack units	**42U (19-inch)**
Mounting standard	**19-inch (482.6 mm) equipment, EIA-310 hole pattern**

CONSTRUCTION

Material	**SPCC cold-rolled steel**
Steel thickness	**Mounting profiles 2.0 mm; mounting angles 1.5 mm; others 1.2 mm**
Front door	**Tempered glass, lockable**
Rear door	**Steel plate, single door, lockable**
Side panels	**Removable, lockable**
Base	**4 × castors + 4 × levelling feet**
Finish	**Powder coated**
Color	**Black**
Delivery	**Flat-packed (knock-down), 4 cartons**

MECHANICAL

Static load capacity	**1,800 kg (evenly distributed)**
Equipment mounting	**Square-hole rails with M6 cage nuts**
Lock	**Swing-handle locks, key set supplied**

ENVIRONMENTAL

Ingress protection	**IP20 (IEC 60529)**
Environment	**Indoor — equipment rooms, offices, data rooms**

DIMENSIONS

External size (W × D × H)	**600 × 1000 × 2000 mm**
Width	**600 mm**
Depth	**1000 mm**
Height	**2000 mm (incl. castors)**
Usable mounting height	**42 × 44.45 mm = 1866.9 mm**

POWER & COOLING

Cooling	**4 × cooling fans (roof-mounted)**
PDU	**1 × 8-way aluminium-alloy PDU, universal sockets, UK plug**

SUPPLIED ACCESSORIES

Included	**1 × vented fixed equipment shelf · 1 × 8-way PDU · 4 × cooling fans · Key set · Cage nuts & screws · 4 × castors with levelling feet**

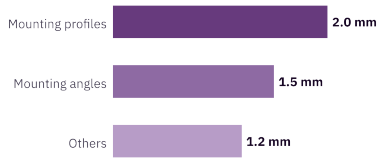
PACKAGING

Net / gross weight	**approx. 91 kg / 98 kg**
Packing	**4 cartons: frame, doors, side panels, shelf**
Units per package	**1 cabinet**

Performance, Quality & Ordering

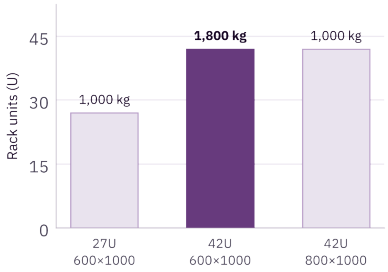
CX-RC-FS-42U-600-1000-BK-GL

SPCC STEEL THICKNESS



Cold-rolled steel, powder-coated finish.

RANGE OVERVIEW — SIZE & LOAD



Bar = rack units; label = static load. Highlighted: this product.

SUPPLIED WITH EVERY CABINET

- 1 × vented fixed equipment shelf
- 1 × 8-way PDU
- 4 × cooling fans
- Key set
- Cage nuts & screws
- 4 × castors with levelling feet

FINAL QUALITY INSPECTION

QUALITY INSPECTED

Inspection item	Requirement
Dimensions & 19-inch rail pitch	Per drawing · 465 mm hole centres
Powder-coat finish & color	Uniform coverage, no defects
Doors, hinges & locks	Smooth operation, keys supplied
Earthing	Earth points on frame and doors
Fans & PDU	Functional check
Accessories & packing	Complete per packing list

Every cabinet passes final dimensional, finish and function inspection before packing; each carton carries the CORNIX part number and QR label.

ORDERING INFORMATION

CX	RC	FS	42U	600	1000	BK	GL
CORNIX	Rack cabinet	Floor-standing	42 rack units	Width 600 mm	Depth 1000 mm	Black	Glass front door

Part number	Description
CX-RC-FS-27U-600-1000-BK	27U Floor-Standing Network Cabinet, 600 × 1000 mm, Mesh Front Door
CX-RC-FS-42U-600-1000-BK-GL	**42U Floor-Standing Server Cabinet, 600 × 1000 mm, Glass Front Door**
CX-RC-FS-42U-800-1000-BK-GL	42U Floor-Standing Server Cabinet, 800 × 1000 mm, Glass Front Door

Request a quote or technical support

Datasheets, test reports and samples available on request

rfq@cornixglobal.com
sales@cornixglobal.com
cornixglobal.com

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