RACKS & CABINETS

Floor-Standing Network & Server Cabinet

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

FAMILY **F24 • 3 PART NUMBERS**

SHOWN: CX-RC-FS-27U-600-1000-BK



Perforated mesh front door
Lockable swing handle

2.0 mm mounting profiles
1,000 kg static load

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

Castors + levelling feet
Roll into place, then level

27U – 42U	1,000 kg – 1,800 kg	600 × 1000 – 800 × 1000	IP20
RACK UNITS (19-INCH)	STATIC LOAD CAPACITY	W × D FOOTPRINT (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

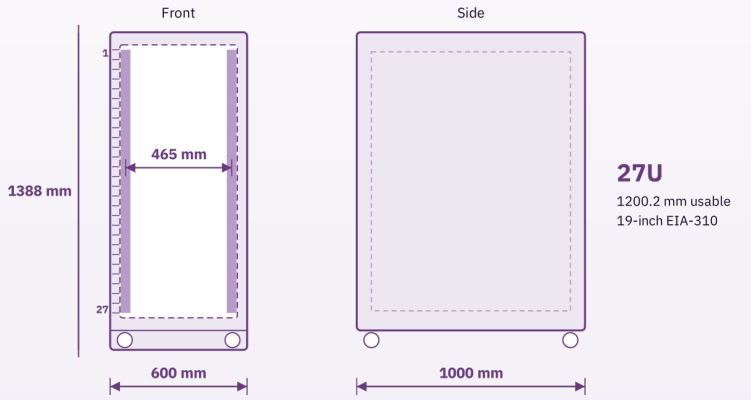
- Server rooms and data centers
- Campus and building distributors (CD/BD)
- Core switching, patching and storage

STANDARDS & COMPLIANCE

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

Common Specifications

Values shared by all 3 part numbers in this family · variant-specific values on the following page



OUTLINE DIMENSIONS & 19-INCH MOUNTING (MM) — SHOWN FOR CX-RC-FS-27U-600-1000-BK

GENERAL

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**
Base	**4 × castors + 4 × levelling feet**
Finish	**Powder coated**

MECHANICAL

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

Depth	**1000 mm**

POWER & COOLING

PDU	**1 × 8-way aluminium-alloy PDU, universal sockets, UK plug**

PACKAGING

Units per package	**1 cabinet**

Ordering Information

3 part numbers · individual datasheets available for every part number

Part number	Description	Rack units	Size (W × D × H)	Static load	Front door
27U					
CX-RC-FS-27U-600-1000-BK	27U Floor-Standing Network Cabinet, 600 × 1000 mm, Mesh Front Door	27U	600 × 1000 × 1388 mm	1,000 kg	Mesh
42U					
CX-RC-FS-42U-600-1000-BK-GL	42U Floor-Standing Server Cabinet, 600 × 1000 mm, Glass Front Door	42U	600 × 1000 × 2000 mm	1,800 kg	Glass
CX-RC-FS-42U-800-1000-BK-GL	42U Floor-Standing Server Cabinet, 800 × 1000 mm, Glass Front Door	42U	800 × 1000 × 2055 mm	1,000 kg	Glass

Variant-Specific Specifications

Values that differ between part numbers

Part number	External size (W × D × H)	Width	Height
CX-RC-FS-27U-600-1000-BK	600 × 1000 × 1388 mm	600 mm	1388 mm (incl. castors)
CX-RC-FS-42U-600-1000-BK-GL	600 × 1000 × 2000 mm	600 mm	2000 mm (incl. castors)
CX-RC-FS-42U-800-1000-BK-GL	800 × 1000 × 2055 mm	800 mm	2055 mm (incl. castors)

Part number	Usable mounting height	Front door	Rear door
CX-RC-FS-27U-600-1000-BK	27 × 44.45 mm = 1200.2 mm	Perforated mesh, lockable	Steel plate, single door, lockable
CX-RC-FS-42U-600-1000-BK-GL	42 × 44.45 mm = 1866.9 mm	Tempered glass, lockable	Steel plate, single door, lockable
CX-RC-FS-42U-800-1000-BK-GL	42 × 44.45 mm = 1866.9 mm	Tempered glass, lockable	Perforated mesh, double (split) door, lockable

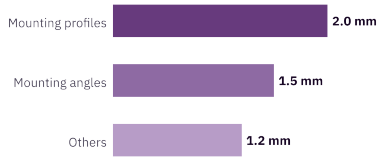
Part number	Side panels	Color	Delivery
CX-RC-FS-27U-600-1000-BK	2 × removable, lockable	Black	Flat-packed (knock-down), 4 cartons
CX-RC-FS-42U-600-1000-BK-GL	Removable, lockable	Black	Flat-packed (knock-down), 4 cartons
CX-RC-FS-42U-800-1000-BK-GL	Removable, lockable	Black, grey decorative strip	Flat-packed (knock-down), 5 cartons

Part number	Static load capacity	Cooling	Included
CX-RC-FS-27U-600-1000-BK	1,000 kg (evenly distributed)	2 × cooling fans (roof-mounted)	1 × vented fixed equipment shelf · 1 × 8-way PDU · 2 × cooling fans · Key set · Cage nuts & screws · 4 × castors with levelling feet
CX-RC-FS-42U-600-1000-BK-GL	1,800 kg (evenly distributed)	4 × cooling fans (roof-mounted)	1 × vented fixed equipment shelf · 1 × 8-way PDU · 4 × cooling fans · Key set · Cage nuts & screws · 4 × castors with levelling feet
CX-RC-FS-42U-800-1000-BK-GL	1,000 kg (evenly distributed)	4 × cooling fans (roof-mounted)	1 × vented fixed equipment shelf · 1 × 8-way PDU · 4 × cooling fans · Key set · Cage nuts & screws · 4 × castors with levelling feet · Cable tray (vertical cable management)

Performance

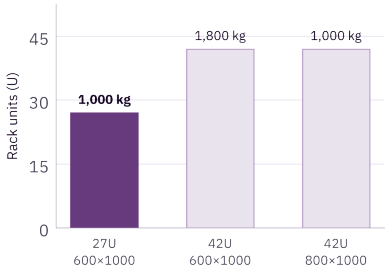
Shown for CX-RC-FS-27U-600-1000-BK

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
- 2 × 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.

Request a quote or technical support

Datasheets, test reports and samples available on request

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