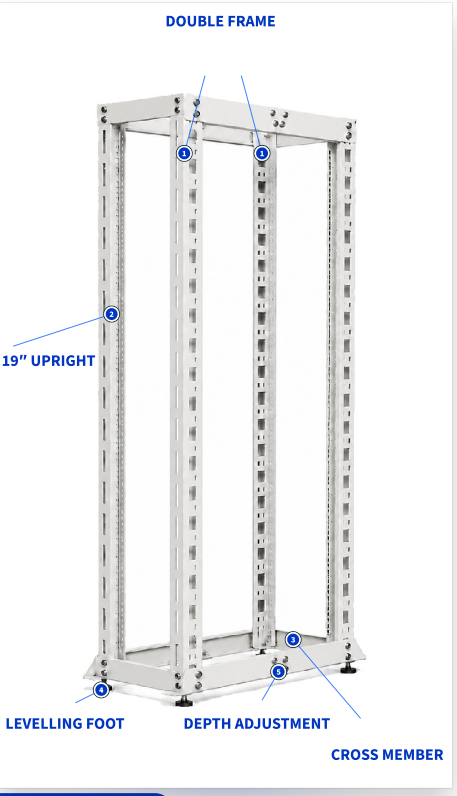
OPEN RACKS 19″

SN-IRON
Open Rack

Floor-Standing Open Rack, 19″

SN-IRON is a floor-standing, double-frame 19-inch open rack for indoor 19-inch equipment. It is supplied flat-packed for self-assembly. Current configurations cover 24, 42 or 46U, a width of 600 mm and a depth adjustable from 600 to 1000 mm in 100 mm steps, with a distributed static load of up to 900 kg.

Product family	SN-IRON
Category	Open Rack
Installation	Indoor
Rack standard	19″
Assembly	Flat-Pack



24 / 42 / 46 U HEIGHT

600 mm WIDTH

600–1000 mm DEPTH

900 kg STATIC LOAD

1 Key Features

Steel Construction
Rigid cold-rolled steel construction

Double-Frame Construction
Rigid two-frame open structure

19″ Mounting Rails
For standard 19-inch rack equipment

Access From All Sides
Easy access to installed equipment from all sides

Levelling Feet
Adjustable support for stable floor installation

Flat-Pack Construction
Supplied unassembled for self-assembly

Ventilation Openings
Open structure supports natural airflow around equipment

Flexible Cable Routing
Open frame facilitates cable routing and organisation

TYPICAL APPLICATIONS

- Server Rooms
- Telecommunications Rooms
- Network Distribution Points
- Equipment Rooms
- IT Infrastructure
- LAN / WAN Infrastructure

WHAT'S IN THE BOX

- Set of 19″ vertical uprights
- Set of upper brackets
- Set of lower brackets
- Set of cross members
- Set of extension brackets
- Set of levelling feet
- Mounting kit

COMPATIBLE ACCESSORIES


PDU, 1U, 19″


Electrical Distribution Panel, 3U

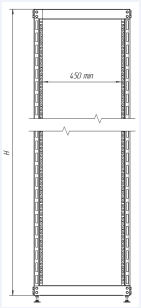

Grounding Bus, 12-way, 19″

2 Size & Configuration Matrix

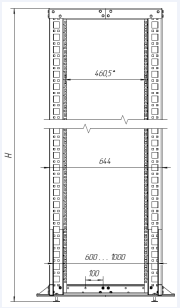
Height	Depth (mm)				
	600 mm	700 mm	800 mm	900 mm	1000 mm
24U 1205 mm	16.0	16.0	16.0	16.0	16.0
42U 2005 mm	31.0	31.0	31.0	31.0	31.0
46U 2190 mm	32.0	32.0	32.0	32.0	32.0

Net weight is given once per height and applies to every depth position — the customer's own weight figures (24U/16 kg, 42U/31 kg, 46U/32 kg) do not vary by depth, since the depth-adjustment cross members are a small share of the frame's total steel compared to the vertical rails. This product has no usable-internal-depth figure: unlike an enclosed cabinet, the rack depth setting IS the usable mounting depth, with no rear door or panel to subtract.

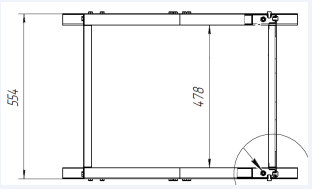
3 Technical Drawing



FRONT VIEW

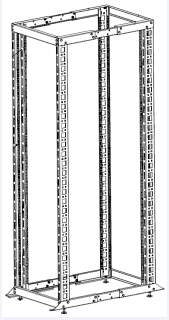


SIDE VIEW



TOP VIEW

Front and side views are generic for the whole range. Depth adjustment: 600–1000 mm in 100 mm steps.



GENERAL VIEW

4 Standards & Certification

✓ **IEC 60297-3-100** — 19-inch rack dimensions

✓ **EIA-310** — 19-inch equipment mounting

5 Colour & Ordering

RAL 7035
Light grey

RAL 9005
Jet black

ORDERING CODE PATTERN

`SN-IRON-OR-UA-19-[H]U-[W]-[D]-2R-[RAL]`

SN-IRON Series name · **OR** Open rack · **UA** Unassembled (flat-pack) · **19** 19-inch rack standard · **2R** Double-frame rack

`[H]`	Height in rack units: 24, 42, 46
`[W]`	Width code — 06 means 600 mm: 06
`[D]`	Depth range code — 06/10 means adjustable 600 to 1000 mm in 100 mm steps: 06/10
`[RAL]`	Powder-coat colour — 7035 light grey or 9005 black

EXAMPLE `SN-IRON-OR-UA-19-42U-06-06/10-2R-7035`

= 42 rack units high, 600 mm wide, depth adjustable 600 to 1000 mm, double-frame construction, RAL 7035 light grey.

The depth setting is a field adjustment on the assembled frame, not a separate ordered configuration — one SKU per height covers the full 600-1000 mm range.