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DATA SHEET
DE-STD · SN-AIR · Rev. 2026

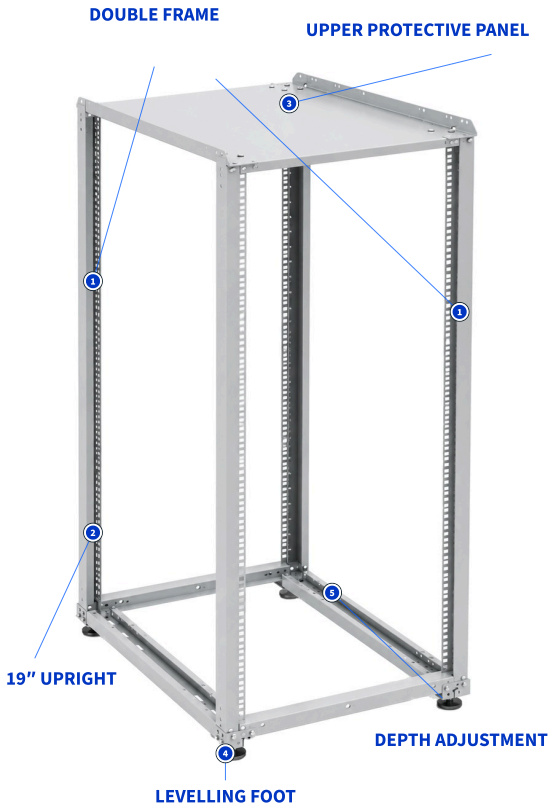
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OPEN RACKS 19″

SN-AIR

Floor-Standing Open Rack, 19″



SN-AIR is a floor-standing, double-frame 19-inch open rack designed for housing and organising standard 19-inch rack equipment indoors. The open construction provides convenient access to installed equipment from all sides.

The rack consists of two vertical mounting frames connected by adjustable structural elements. The rack depth can be set to 400, 600 or 750 mm, allowing the configuration to be adapted to equipment with different mounting depths.

The double-frame construction supports a distributed static load of up to 500 kg. The rack is supplied flat-packed for self-assembly, reducing transport and storage volume before installation.

The upper protective panel helps protect installed equipment from dust and other solid particles falling from above.

The steel components are finished with a powder coating in RAL 7035 or RAL 9005.

AT A GLANCE

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

NUMBERED DETAILS IN THE PHOTO

1. **Double-frame construction**
   Two vertical mounting frames — front and rear — form the rigid open structure: no side, top or rear panels to remove for access.
2. **19″ Upright**
   One of the two vertical 19-inch mounting uprights on the front frame, perforated and drilled to the 19-inch rack standard for direct equipment mounting.
3. **Upper Protective Panel**
   A steel panel across the top of the frame shields installed equipment from dust and other solid particles falling from above.
4. **Levelling foot**
   Adjustable levelling feet at each corner of the base compensate for an uneven floor and keep the rack stable.
5. **Depth Adjustment**
   Cross members bolt the front and rear frames together front-to-back; their bracket holes set the rack depth to 400, 600 or 750 mm.

1 Key figures

Height	**16 / 24 / 33 / 42** U
Width	**600** mm
Depth	**400–750** mm
Static Load	**500** kg

2 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
Upper Protective Panel	Protection from dust and falling solid particles

TYPICAL APPLICATIONS

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

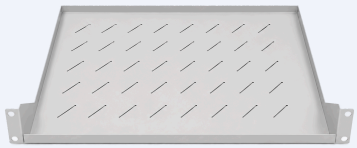
WHAT'S IN THE BOX

- Set of 19″ Vertical Uprights
- Set of Frame Cross Members
- Set of Lower Support Brackets
- Set of levelling feet
- Upper Protective Panel
- Mounting Kit

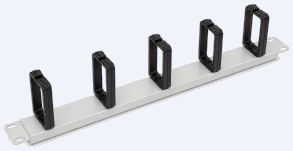
COMPATIBLE ACCESSORIES



PDU, 1U, 19″, 6 outlets



Vented Shelf



Cable Ring Organizer, 1U

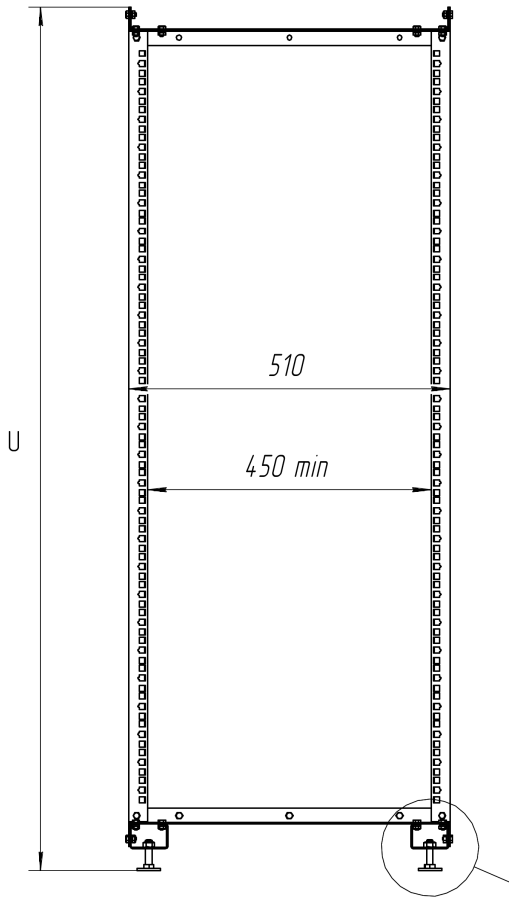
3 Size and configuration matrix

Size and configuration matrix. Rows give rack height in rack units and millimetres. Columns give the adjustable frame depth in millimetres. Each cell gives the net weight.

Height	Depth (mm)		
	400	600	750
16U 850 mm	17.6	17.6	17.6
24U 1205 mm	19.6	19.6	19.6
33U 1600 mm	21.4	21.4	21.4
42U 2005 mm	24.1	24.1	24.1

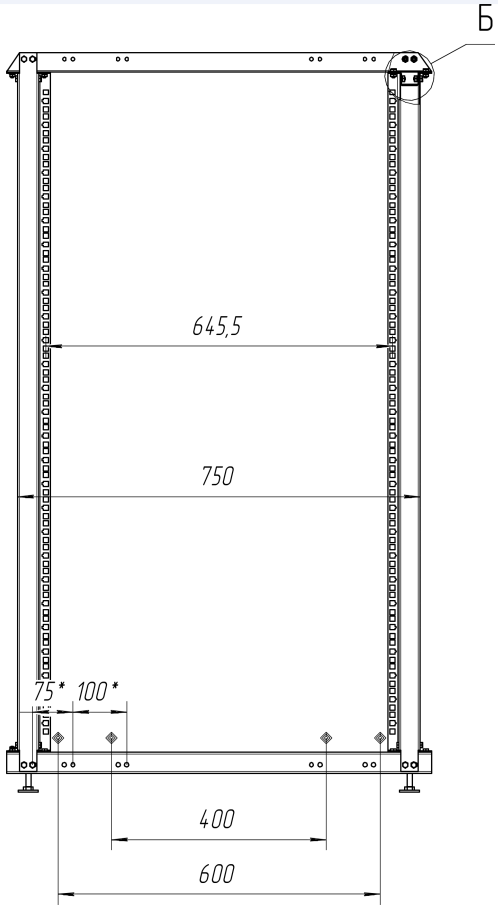
Net weight is given once per height and applies to every depth position — the customer's own weight figures (16U/17.6 kg computed, 24U/19.6 kg, 33U/21.4 kg, 42U/24.1 kg) do not vary by depth, since the depth-adjustment brackets are a small share of the frame's total steel compared to the vertical uprights. 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.

4 Technical drawings



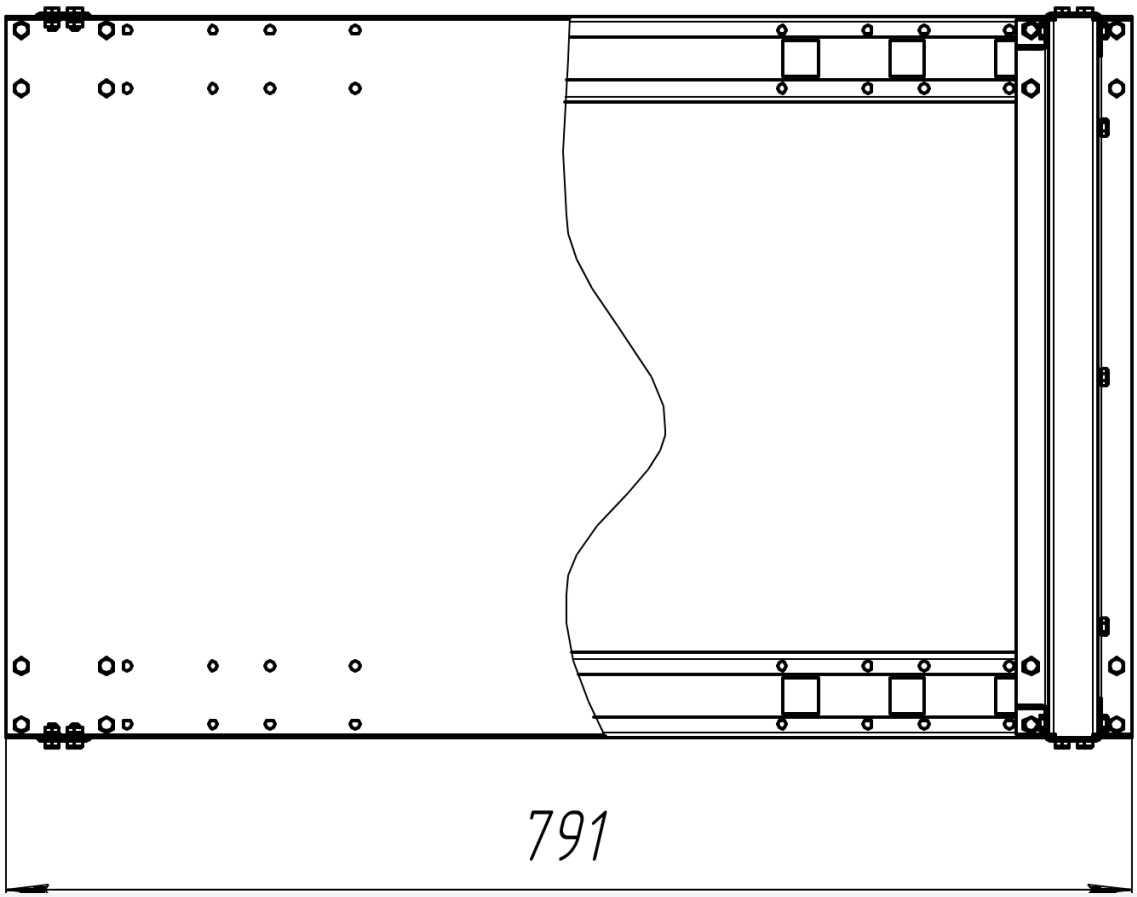
FRONT VIEW

Front elevation, generic for the whole range. Overall height on the left is marked U and varies with the ordered size (16, 24, 33 or 42 rack units, 850–2005 mm). The two horizontal dimensions are fixed 19-inch mounting-frame dimensions, not depth measurements and not size-dependent: 510 mm is the overall external width across the two 19-inch upright profiles of the front frame, and 450 mm minimum is the clear mounting width between them. The nominal overall rack width, given in the size data, is 600 mm. Levelling feet are visible at the base.



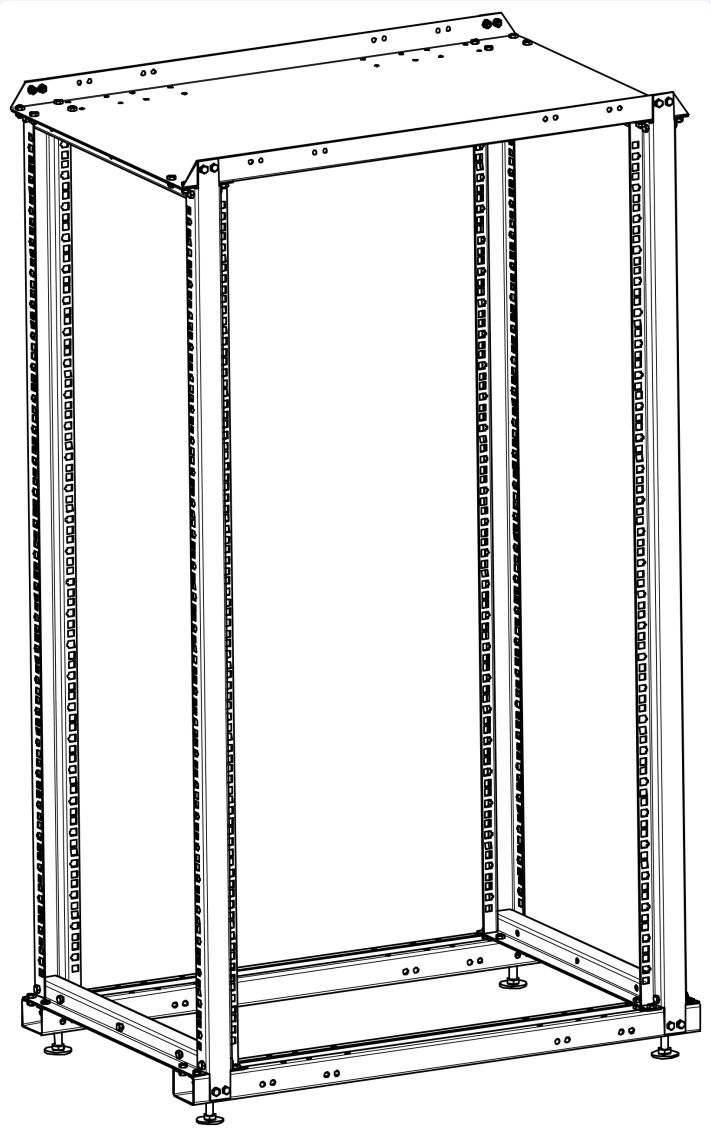
SIDE VIEW

Side elevation, drawn at the maximum 750 mm depth setting. The horizontal dimensions run in the depth direction: 750 mm is the overall depth at the maximum setting, 400 and 600 mm are the other two adjustable depth positions set by the depth-adjustment brackets, and 645.5 mm is the internal clear depth at the 750 mm setting (it decreases at the 400 and 600 mm settings). Levelling feet are visible along the base.



TOP VIEW

Base frame seen from above, drawn at the maximum 750 mm depth setting. The 791 mm dimension is the overall external base depth in that direction with the frame at 750 mm; it decreases at the 400 and 600 mm settings. The depth-adjustment bracket hole pattern along the side profiles sets the three depth positions: 400, 600 and 750 mm.



GENERAL VIEW

General view of the assembled rack showing how the flat-pack parts relate. The two vertical mounting frames stand at the sides. Cross members connect them front-to-back at the selected depth position, secured with the mounting kit hardware. The upper protective panel closes the top. Levelling feet attach at the base corners.

5 Standards and certification

- ✓ **IEC 60297-3-100** 19-inch rack dimensions
- ✓ **EIA-310** 19-inch equipment mounting

6 Colour and ordering

Available finishes

RAL 7035
Light grey

RAL 9005
Jet black

Ordering code

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

`SN-AIR`

Series name

`OR`

Open rack

`UA`

Unassembled (flat-pack)

`19`

19-inch rack standard

`[H]`

Height in rack units — 16, 24, 33, 42

`[W]`

Width code — 06 means 600 mm — 06

`[D]`

Depth range code — 04/075 means adjustable to 400, 600 or 750 mm — 04/075

`2R`

Double-frame rack

`[RAL]`

Powder-coat colour — 7035 light grey or 9005 black

EXAMPLE `SN-AIR-OR-UA-19-33U-06-04/075-2R-7035`

33 rack units high, 600 mm wide, depth adjustable to 400, 600 or 750 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 all three depth positions.

Made in Europe

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DeepNet Europe Sp. z o.o.
ul. Szczecińska 16 G, 05-300 Mińsk Mazowiecki, Poland
info@deepnet.pl · deepneteu.app (https://deepneteu.app)