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Deep Networks Group

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

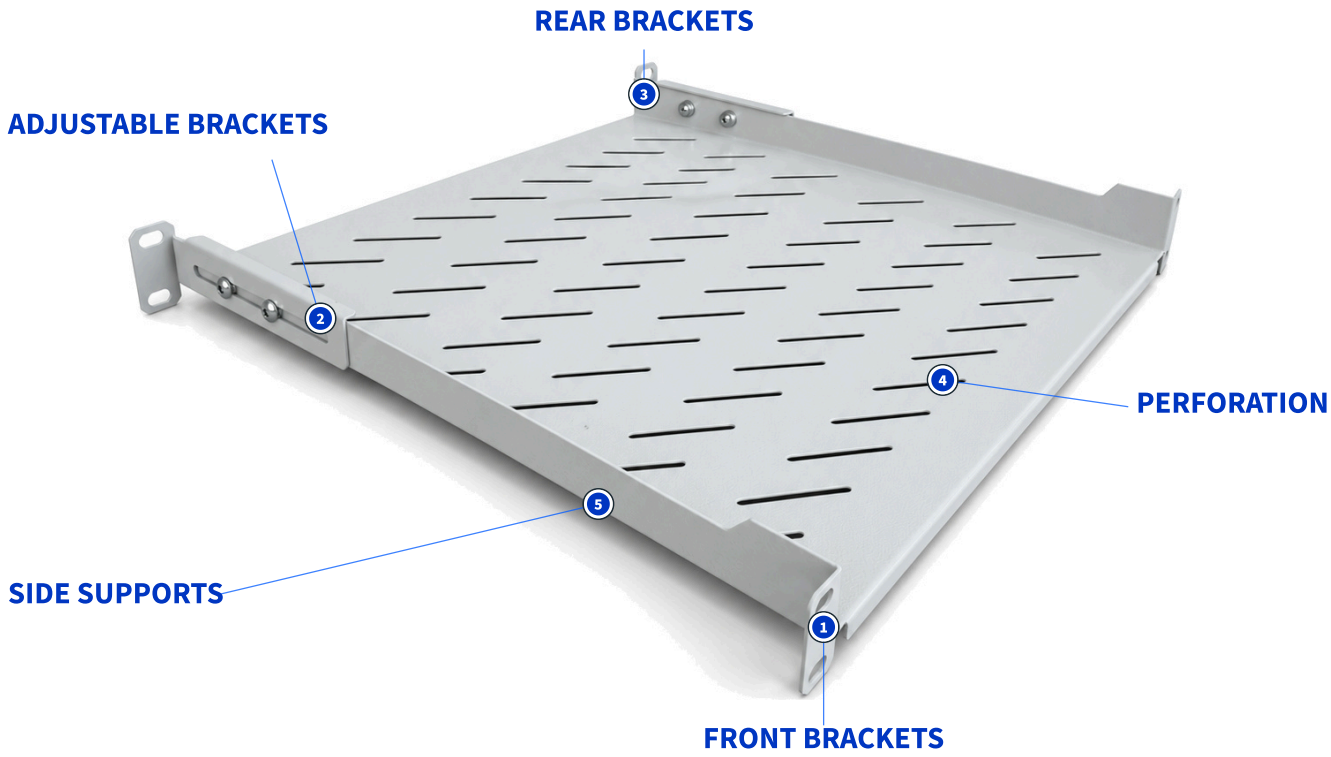
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RACK ACCESSORIES

SN-RAS Rear-Adjustable Shelf

19-inch Shelf, 4-Point Mounting



Rear-adjustable shelves are designed for installing non-rack-mount equipment in standard 19-inch cabinets and racks. The shelf is mounted at four points to the front

and rear 19-inch mounting rails. Adjustable rear brackets allow the mounting depth to be adapted to the distance between the front and rear mounting rails. A perforated shelf surface provides free airflow around the installed equipment and supports effective cabinet ventilation. The shelves are available in 1U height, with depths of 250, 350, 450, 550, 650, 750, 850 mm, depending on the model. Each shelf is individually packed in a cardboard box.

AT A GLANCE

Product family	**Rear-Adjustable Shelf**
Category	**Rack Accessory**
Application	**Indoor**
Rack standard	**19″**
Mounting type	**4-Point / Rear-Adjustable**

NUMBERED DETAILS IN THE PHOTO

1. **Front Mounting Brackets**
   Provide secure attachment of the shelf to the front 19-inch mounting rails.
2. **Adjustable Rear Brackets**
   Allow the mounting depth to be adapted to the distance between the front and rear mounting rails.
3. **Rear Mounting Brackets**
   Provide secure attachment of the shelf to the rear 19-inch mounting rails.
4. **Ventilation Perforation**
   Allows cooling air to circulate freely around equipment placed on the shelf.
5. **Side Supports**
   Increase the structural rigidity of the shelf and provide additional support under load.

1 Key figures

Rack Standard

19″

Height	**1U**
Depth	**250–850 mm**
Max. Distributed Load	**60 kg**

2 Key features

4-Point Mounting	Front and rear mounting provides stable support for installed equipment.
Adjustable Depth Brackets	Allow the mounting depth to be adapted to the distance between the front and rear mounting rails, with an adjustment range of 35 mm.
Ventilation Openings	Perforated surface promotes free airflow around installed equipment.
Steel Construction	Formed steel construction provides structural rigidity and durability.
Front Mounting Brackets	Provide secure attachment to the front 19-inch mounting rails.
Rear Mounting Brackets	Provide secure attachment to the rear 19-inch mounting rails.
Side Supports	Increase the structural rigidity of the shelf under load.
Powder-Coated Finish	Durable powder coating protects the steel surface during normal operation.

TYPICAL APPLICATIONS

- Installation of non-rack-mount equipment
- Network and telecom cabinets
- Open rack installations
- Auxiliary equipment installation

WHAT'S IN THE BOX

- Shelf
- M6 Mounting Kit ×4 per shelf

COMPATIBLE WITH



Wall cabinet



Open rack



Floor cabinet

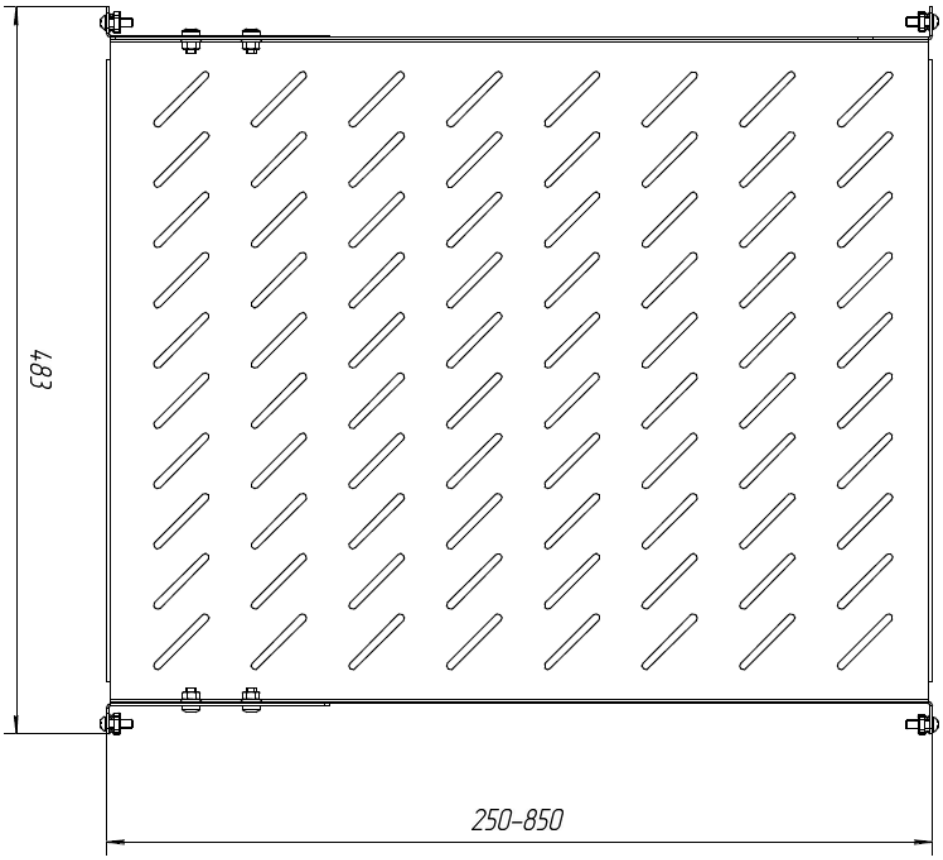
3 Size and configuration matrix

Rows list the seven Rear-Adjustable Shelf models. Columns give external dimensions (width by height by depth), the mounting height in rack units, and net weight.

Model	Dimensions (W × H × D) (mm)	Mounting height	Net weight (kg)
SN-RAS-19-1U-4P-025	**483 × 44 × 250** mm	**1U**	1.06 kg
SN-RAS-19-1U-4P-035	**483 × 44 × 350** mm	**1U**	1.45 kg
SN-RAS-19-1U-4P-045	**483 × 44 × 450** mm	**1U**	2.20 kg
SN-RAS-19-1U-4P-055	**483 × 44 × 550** mm	**1U**	2.70 kg
SN-RAS-19-1U-4P-065	**483 × 44 × 650** mm	**1U**	3.00 kg
SN-RAS-19-1U-4P-075	**483 × 44 × 750** mm	**1U**	3.30 kg
SN-RAS-19-1U-4P-085	**483 × 44 × 850** mm	**1U**	3.60 kg

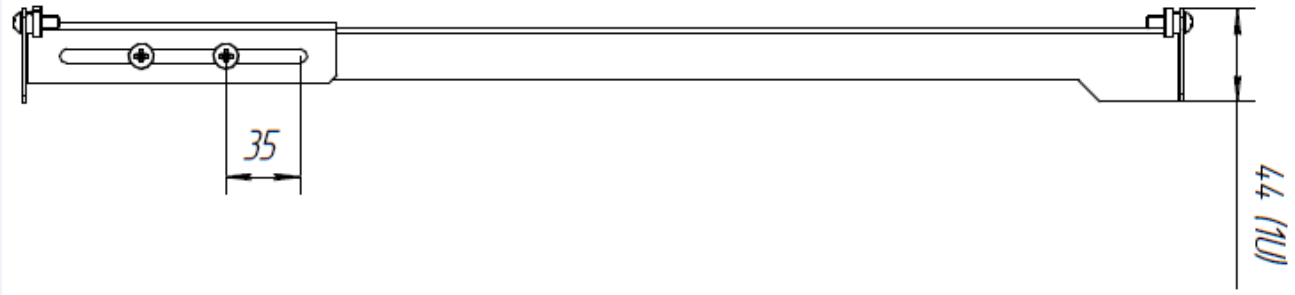
Width 483 mm across the mounting brackets is common to every model.

4 Technical drawings



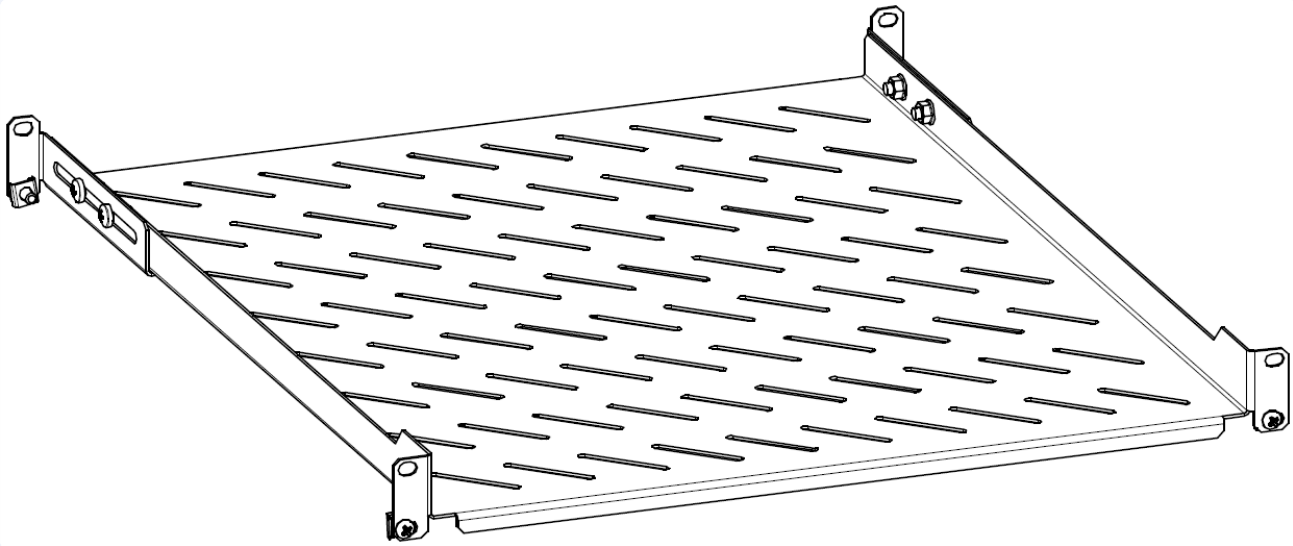
TOP VIEW

Top view. Marked dimensions: overall width 483 mm — the 19-inch rack standard, common to every model; and shelf depth 250-850 mm — the range across the family, with the value for each model in the Size & Configuration Matrix. The four mounting points sit at the corners of the shelf, and the deck carries the ventilation perforation.



SIDE VIEW

Side elevation. The mounting height is 44 mm (1U), common to every model. A 35 mm dimension is marked on the slotted adjustable rear bracket: its adjustment range. The shelf depth is not marked on this view; it is given per model in the Size & Configuration Matrix.



GENERAL VIEW

Isometric view of the assembled shelf: the perforated deck, the front and rear mounting brackets and the adjustable rear bracket. No dimensions are marked.

5 Standards and certification

- ✓ **IEC 60297-1**

  Mechanical structures for electronic equipment — dimensions of the 482.6 mm (19 in) series — part 1: panels and racks
- ✓ **IEC 60297-2**

  Mechanical structures for electronic equipment — dimensions of the 482.6 mm (19 in) series — part 2: assemblies and subracks
- ✓ **EIA-310** Cabinets, racks, panels, and associated equipment

6 Colour and ordering

Available finishes

RAL 7035
Light grey

RAL 9005
Jet black

Ordering code

`SN-RAS-19-1U-4P-[D]-[RAL]`

`SN-RAS`

Series name

19

19-inch rack standard

1U

Height 1U

4P

4-Point Mounting

[D]

Shelf depth code in metres without the decimal point, from 025 (250 mm) to 085 (850 mm) in 100 mm steps — 025, 035, 045, 055, 065, 075, 085

[RAL]

Powder-coat colour — 7035 light grey or 9005 black

EXAMPLE `SN-RAS-19-1U-4P-045-7035`

Rear-adjustable shelf, 4-point mounting, 1U, 450 mm shelf depth, RAL 7035 light grey.

The M6 mounting kit is included with each shelf.

IEC 60297 **EIA-310** **Made in Europe**

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