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Deep Networks Group

DATA SHEET
DE-STD · SN-IRON-NRW · Rev. 2026

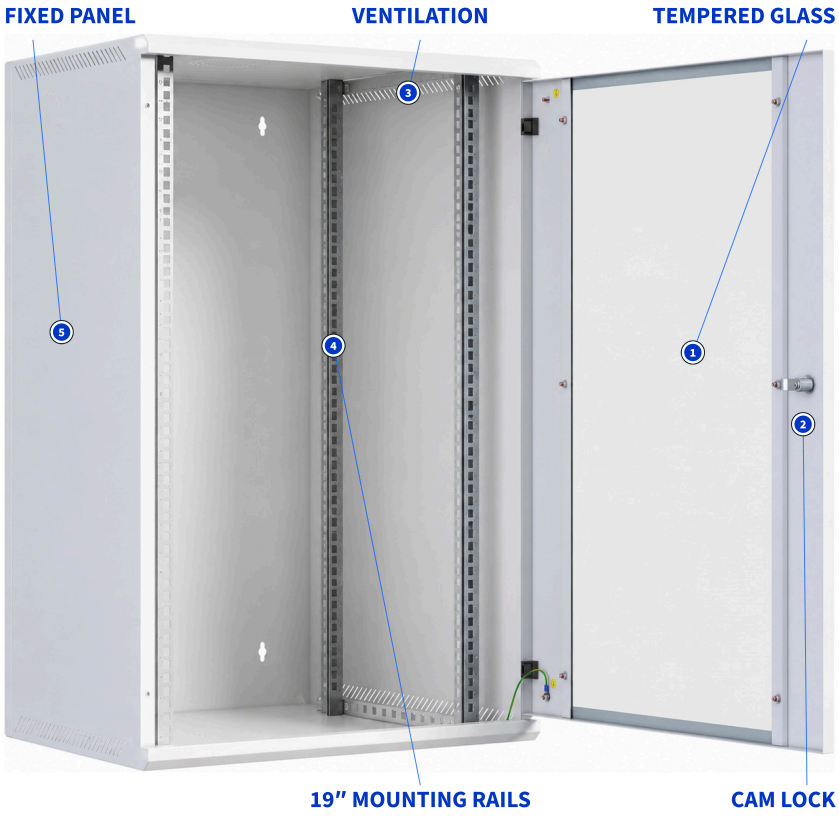
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WALL-MOUNT CABINETS 19″

SN-IRON-NRW Welded

Wall-Mount Data Cabinet, 19″, Welded Frame



SN-IRON-NRW is a wall-mounted 19-inch cabinet designed for housing and organising standard 19-inch rack equipment in indoor environments. It features a fully welded steel body that provides a rigid construction and requires no assembly before installation.

The front door is fitted with tempered safety glass and secured with a round cam lock. It can be configured for right- or left-hand opening, while perforated and solid metal door versions are also available. The mounting rails are supplied as two rails for 450 mm deep cabinets or four rails for 600 mm versions. The side panels are fixed, while passive ventilation openings are integrated into both side panels. The cabinet is mounted to the wall using keyhole slots in the rear panel. Every removable metal part is equipped with a grounding stud to ensure reliable protective earthing.

The cabinet is supplied in corrugated cardboard packaging for safe transport and storage.

Door options: **Glass** **Perforated** **Metal**

AT A GLANCE

Product family	**SN-IRON-NRW**
Category	**Wall-Mount Cabinet**
Installation	**Indoor**
Rack standard	**19″**
Construction	**Welded, pre-assembled**

NUMBERED DETAILS IN THE PHOTO

1. **Tempered glass**
   Front door glazed with 4 mm tempered safety glass in a metal frame, letting equipment status LEDs stay visible while the cabinet is locked. Perforated and solid metal doors use the same frame.
2. **Cam lock**
   Small round cam lock on the door leaf. The door can be hung for right-hand or left-hand opening.
3. **Ventilation**
   Slotted vents punched into both side panels give passive airflow by natural convection, with no fan required.
4. **19″ mounting rails**
   Galvanised vertical rails punched to the 19-inch standard. Two rails on 450 mm cabinets, four on 600 mm ones.
5. **Fixed side panel**
   Side panels are solid metal and welded to the body — not removable. Passive ventilation grills are punched along their upper and lower edges.

1 Key figures

Height	**6–24** U
Width	**600** mm
Depth	**450 / 600** mm
Static Load	**60** kg
Protection	**IP20**

2 Key features

Steel Construction	Full cold-rolled sheet-steel body construction
Glass / Perforated / Metal Door	Cam lock, all variants
Ventilation Openings	Side-panel vents, passive airflow, natural convection
Cable Entry Points	Top & bottom panels
19″ Mounting Rails	2 or 4 pcs by depth
Grounding	All removable parts earthed
Fan Mounting Positions	Roof & base, 120 mm fan seat
Fully Welded Construction	Rigid construction, no assembly required

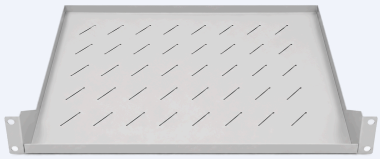
TYPICAL APPLICATIONS

- SOHO environments
- Telecom rooms
- IT closets
- Office networks
- Network distribution points

WHAT'S IN THE BOX

- Welded cabinet, assembled
- Front door, fitted
- 19″ mounting rails, fitted
- Door keys
- Corrugated cardboard packaging

COMPATIBLE ACCESSORIES



Shelf



Fan module



Cable management

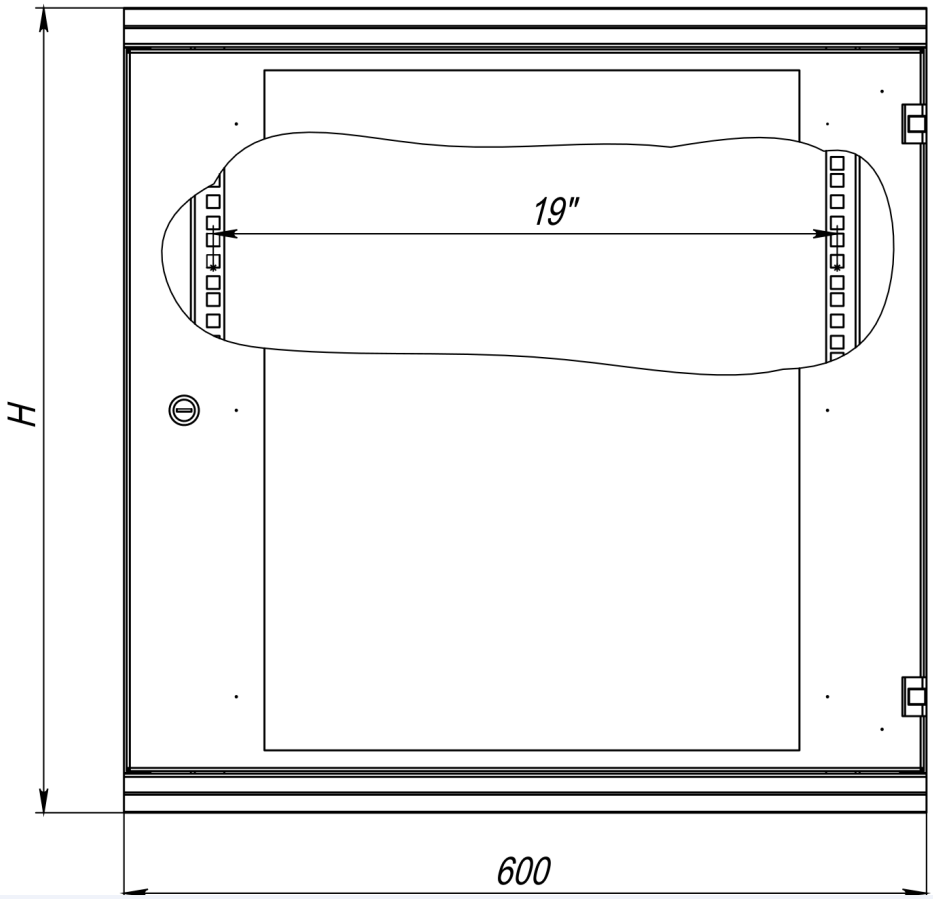
3 Size and configuration matrix

Size and configuration matrix. Rows give cabinet height in rack units and millimetres. Columns give external depth in millimetres. Each cell gives the usable internal depth and the net weight. Width is 600 mm for every size.

Height	External depth (mm)	
	450	600
6U 370 mm	**400** 13.9 kg	**550** 17.9 kg
9U 503 mm	**400** 17.8 kg	**550** 21.0 kg
12U 637 mm	**400** 19.1 kg	**550** 24.0 kg
15U 770 mm	**400** 22.6 kg	**550** 28.4 kg
18U 868 mm	**400** 25.2 kg	**550** 31.8 kg
21U 1002 mm	**400** 27.9 kg	**550** 35.3 kg
24U 1135 mm	**400** 30.7 kg	**550** 38.7 kg

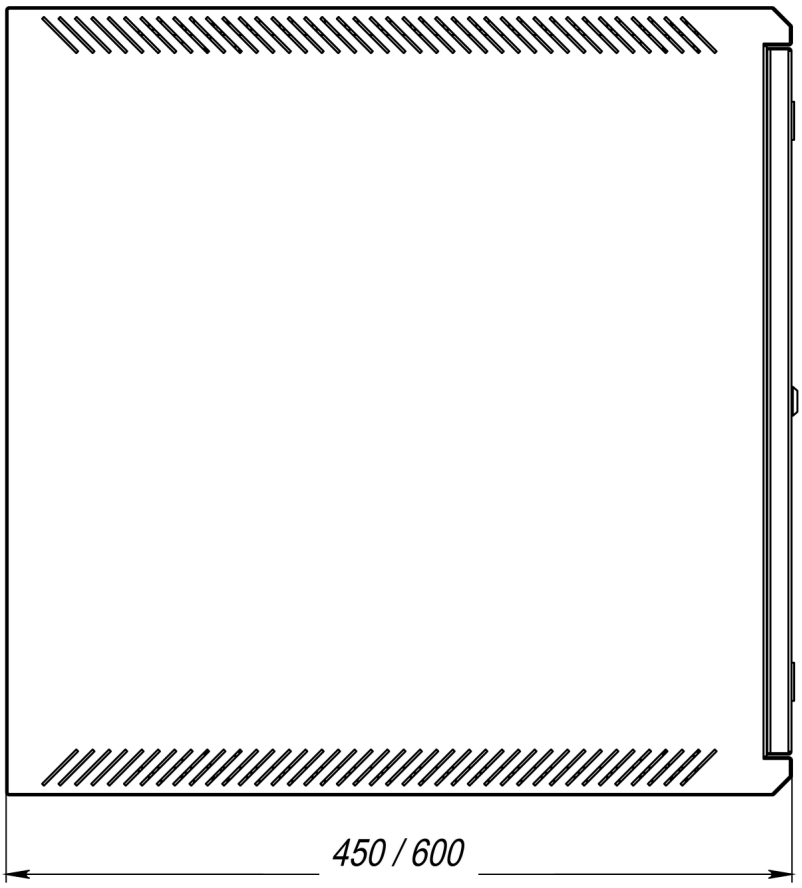
Usable internal depth is the external depth less 50 mm. Weights are for the glass-door (GD) configuration; perforated (PD) and metal (MD) doors vary slightly — contact DeepNet Europe for exact figures.

4 Technical drawings



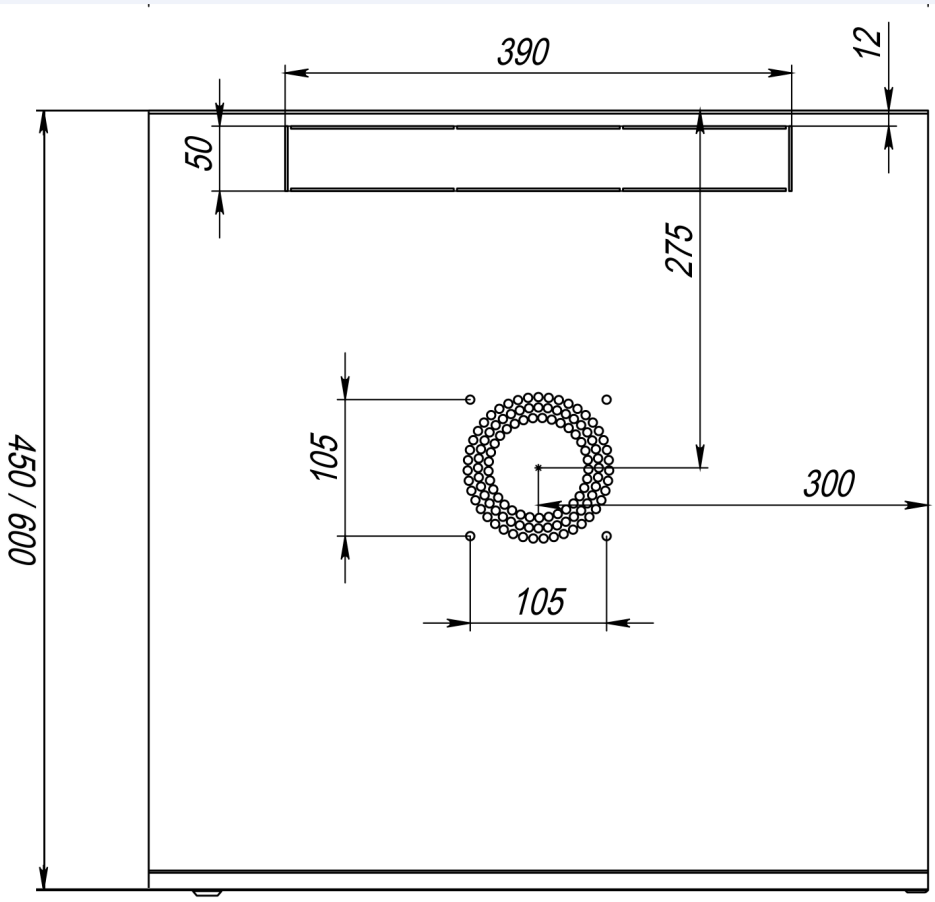
FRONT VIEW

Front elevation, generic for the whole range. Overall width is 600 mm, marked by a dimension line below the cabinet. Overall height is marked H on the left and varies with the ordered size; the height in millimetres for each size is given in the size matrix. A round cam lock sits on the left-hand side of the door leaf, and two hinges are drawn on the right-hand edge. A break-out detail across the upper part of the door opens the view onto the two vertical mounting rails behind it: the horizontal dimension arrow between them is labelled 19″, and each rail carries square mounting holes in repeating U groups.



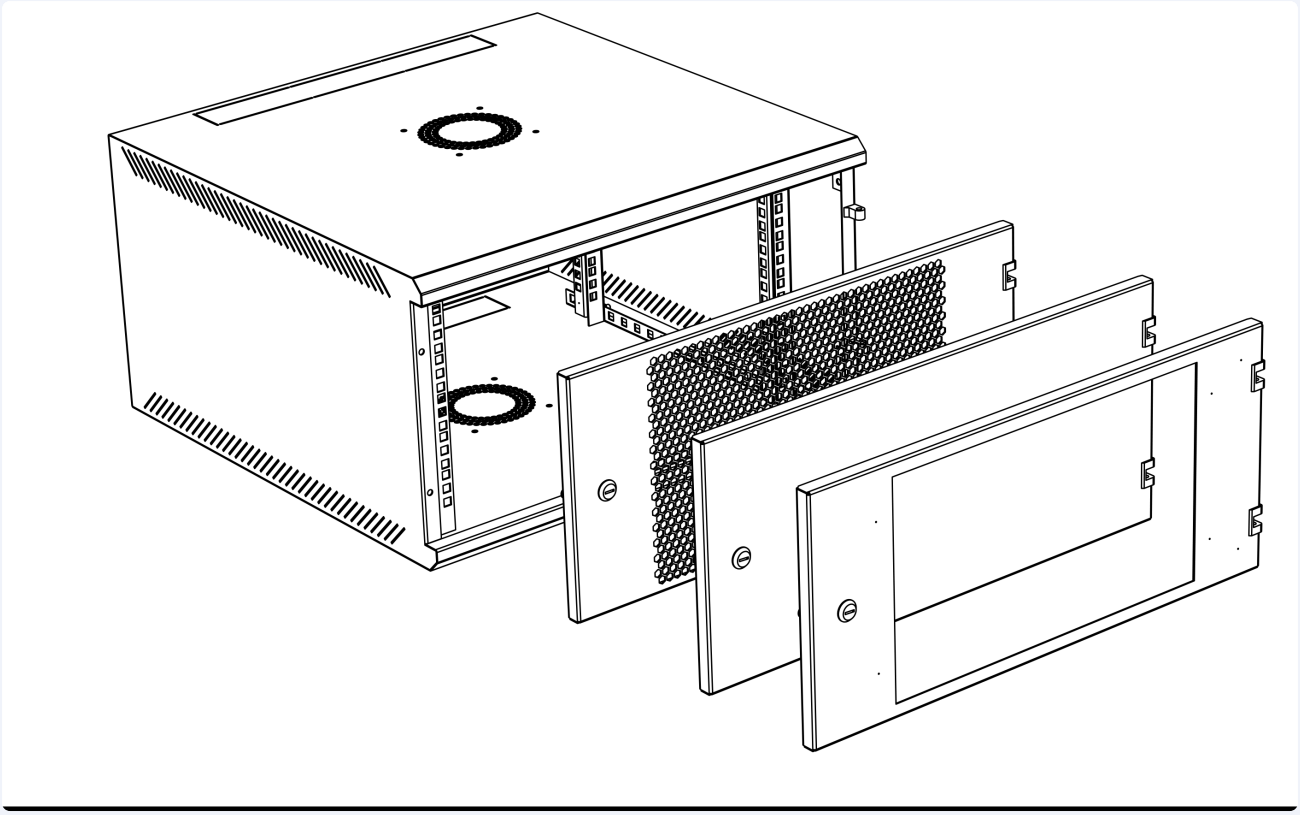
SIDE VIEW

Side elevation. The depth dimension below the cabinet is labelled 450/600, the two depths the range is built in; the outline itself is drawn for the 600 mm version. The side panel is a solid welded panel with no seams and no lock: it is not removable. Two bands of slanted ventilation slots are punched into it, one along the top and one along the bottom. The front door leaf and its hinge line stand out along the right-hand edge.



TOP VIEW

Roof panel seen from above. The depth dimension on the left is labelled 450/600, the two depths the range is built in; the outline itself is drawn for the 600 mm version. A rectangular cable entry slot runs near the rear edge: 390 mm long, 50 mm deep and set 12 mm in from the edge, closed by a removable cover in three segments. Further forward is a circular perforated fan cutout with four mounting holes on a 105 by 105 mm square pattern, sized for a 120 mm roof fan module; its centre is 275 mm from the cable slot and 300 mm from the right-hand edge. The same slot and fan pattern are repeated on the base panel, so cables may enter from above or below.



DOOR OPTIONS: METAL / PERFORATED / GLASS, ON THE SAME WELDED BODY

The welded body is drawn with its front door removed. The roof carries the cable entry slot and the circular fan cutout; the side panel shows two bands of ventilation slots; a second fan cutout is visible in the base. Inside stand two pairs of vertical 19-inch mounting rails, punched with square holes in U increments, with a horizontal cable tray between them. In front of the body the three interchangeable door leaves are drawn one behind another: a solid metal door, a door with honeycomb perforation, and a framed tempered-glass door. All three share the same round cam lock and the same hinge pins, so any of them fits the same body.

5 Standards and certification

- ✓ **IEC 60297-1 / -2** 19-inch rack dimensions
- ✓ **EN 60529** Degrees of protection (IP Code)
- ✓ **EN 62208** Empty LV switchgear enclosures
- ✓ **2014/35/EU** Low Voltage Directive (LVD)

6 Colour and ordering

Available finishes

RAL 7035
Light grey

RAL 9005
Jet black

Ordering code

`SN-IRON-WM-WD-19-[H]U-[W]-[D]-[DOOR]-NRW-[RAL]`

`SN-IRON`

Series name

`WM`

Wall-mounted

`WD`

Welded construction

`19`

19-inch rack standard

`[H]`

Height in rack units — 6, 9, 12, 15, 18, 21, 24

`[W]`

Width code — 06 means 600 mm — 06

`[D]`

Depth code in metres without the decimal point — 045, 06

`[DOOR]`

Front door — GD glass, PD perforated metal, MD metal

`NRW`

Non-removable side panels

`[RAL]`

Powder-coat colour — 7035 light grey or 9005 black

EXAMPLE `SN-IRON-WM-WD-19-12U-06-045-GD-NRW-7035`

12 rack units high, 600 mm wide, 450 mm deep, with a glass door, RAL 7035 light grey.

Contact DeepNet Europe or see the full price list for current SKU and colour availability per size.

CE | IP20 | EN 62208 | 2014/35/EU | Made in Europe

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