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Deep Networks Group

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

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FLOOR-STANDING CABINETS 19″

SN-IRON Standard series

Floor-Standing Data Cabinet, 19″



SN-IRON is a floor-standing 19-inch cabinet designed for housing and organising standard 19-inch rack equipment indoors, supplied flat-packed for self-assembly, with a distributed static load of up to 700 kg.

The front door is glazed with 4 mm tempered safety glass and secured with a swing-handle lock. It can be configured for right- or left-hand opening; perforated or solid-metal front-door versions are available. The rear is closed by a panel with a round cam lock, framed by fixed cable-entry sections that also carry fan-module mounting points. Two pairs of galvanised 19-inch mounting rails can be repositioned in depth. Both side panels are removable and secured with locks: 600/800 mm cabinets have two panels, 1000/1200 mm versions have four, two per side. Every removable metal part is equipped with an individual grounding stud.

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

Door options: Glass · Perforated · Metal

AT A GLANCE

Product family	**SN-IRON**
Category	**Floor-Standing Cabinet**
Installation	**Indoor**
Rack standard	**19″**
Assembly	**Flat-Pack**

NUMBERED DETAILS IN THE PHOTO

1. **Tempered glass**
   Front door glazed with tempered safety glass, letting equipment status LEDs stay visible while the cabinet is locked.
2. **Swing-handle lock**
   Swing-handle lock on the front door leaf; the rear centre panel is secured with a matching round cam lock.
3. **Ventilation**
   Slotted grille along the roof edge gives passive airflow by natural convection.
4. **19″ mounting rails**
   Mounting rails perforated to the 19-inch standard, adjustable in depth with a 25 mm step.
5. **Removable side panel**
   Side panels lift off and lock back on, opening full-height access to cabling during installation and service. Deeper cabinets (1000 and 1200 mm) use two panels per side instead of one.

1 Key figures

Height	**18–42** U
Width	**600 / 800** mm
Depth	**600 / 800 / 1000 / 1200** mm
Static Load	**700** kg
Protection	**IP20**

2 Key features

Steel Construction	Full cold-rolled sheet-steel body construction
Glass / Perforated / Metal Door	Front door swing-handle lock, rear panel cam lock
Ventilation Openings	Slotted grille along the roof edge
Cable Entry Points	Knock-outs in the sectional base and rear panel
19″ Mounting Rails	2 pairs, adjustable depth, 25 mm step
Grounding	All removable parts earthed
Fan Mounting Positions	Mounting holes on a 445 × 160 mm pattern in the roof for a fan module
Access From All Sides	Front, rear and both sides open

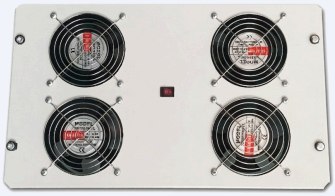
TYPICAL APPLICATIONS

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

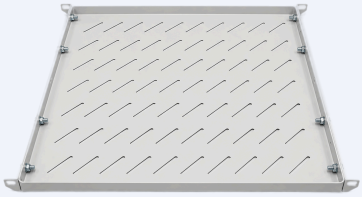
WHAT'S IN THE BOX

- Roof and base panels
- Front and rear frames
- Side panels
- Front door and rear panel
- 19″ mounting rails
- Mounting rail support brackets
- 4 key sets — one set for each lock
- Set of levelling feet

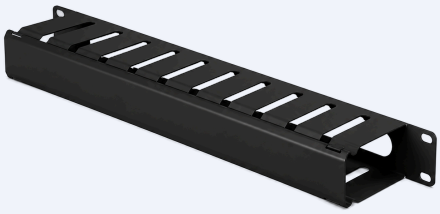
COMPATIBLE ACCESSORIES



SNBV Series Roof Fan Unit



Shelf



Cable organizer

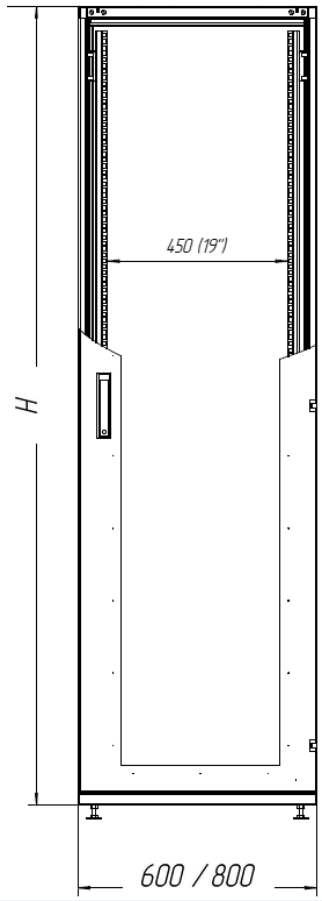
3 Size and configuration matrix

Size and configuration matrix. Rows give cabinet height in rack units and millimetres. Columns give external width and depth in millimetres. Each cell gives the usable internal depth and the net weight.

Height	Width × external depth (mm)					
	600 × 600	600 × 800	600 × 1000	800 × 800	800 × 1000	800 × 1200
18U 935 mm	**450** 52.3 kg	**650** 62.9 kg	—	—	—	—
24U 1200 mm	**450** 64.6 kg	**650** 72.4 kg	—	—	—	—
33U 1600 mm	**450** 81.9 kg	**650** 92.5 kg	—	—	—	—
42U 2000 mm	**450** 96.6 kg	**650** 112.6 kg	**850** 133.3 kg	**650** 126.1 kg	**850** 146.8 kg	**1050** 167.5 kg

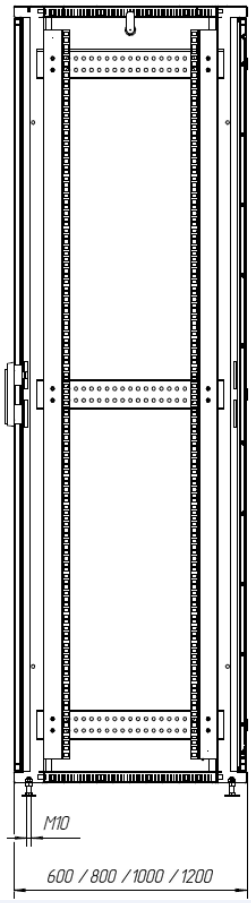
Usable internal depth is the external depth less 150 mm. Weights are for the glass-door (GD) configuration; perforated (PD) front doors are slightly lighter (by 2–20 kg depending on size, per the source weight sheet) — contact DeepNet Europe for exact figures. 800 mm width is only offered at the 42U size; every other height is 600 mm wide. 800 mm-wide weights are extrapolated (see notes per cell) — no cabinet at that width has been weighed yet.

4 Technical drawings



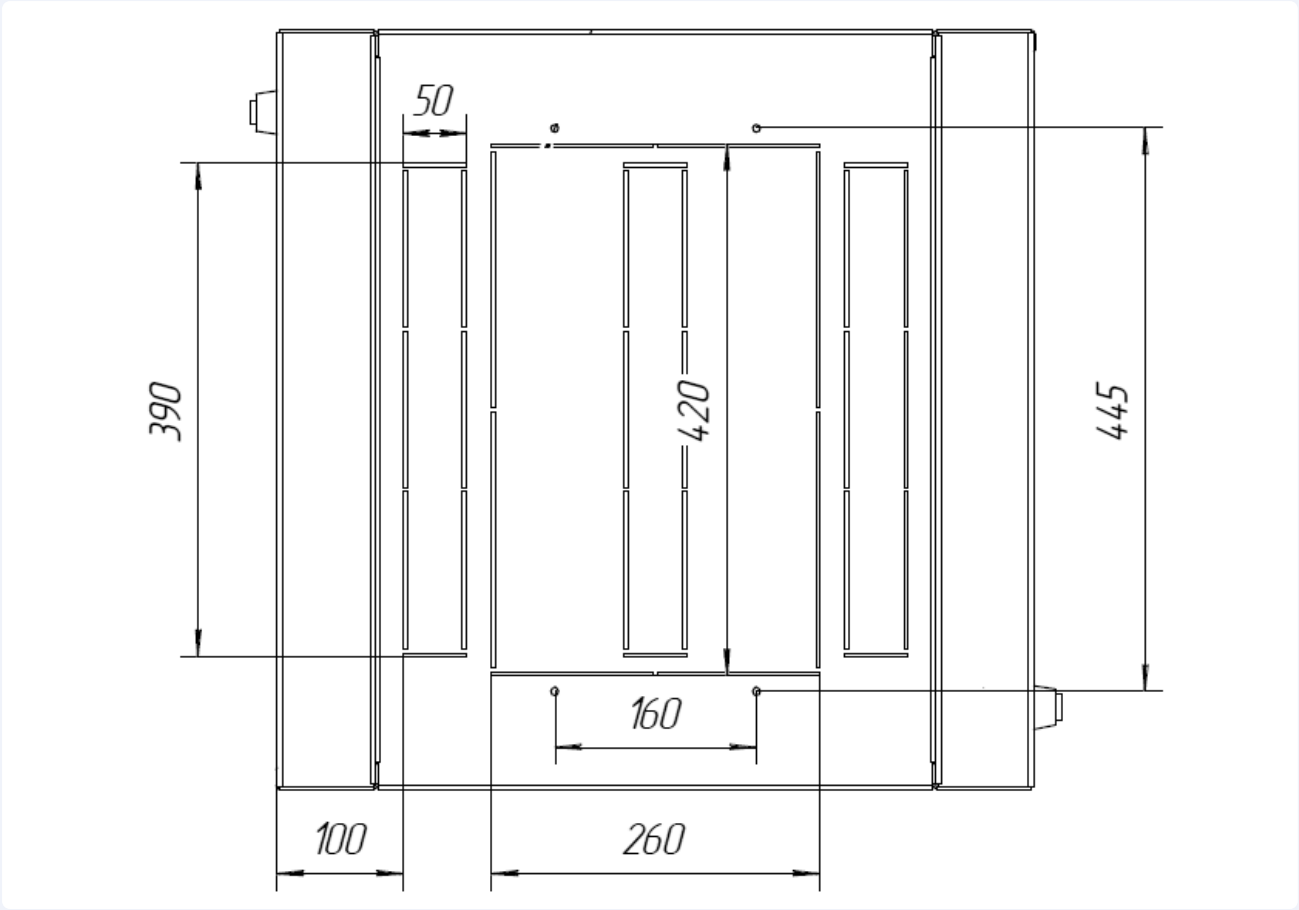
FRONT VIEW

Front elevation, generic for the whole range. Overall width is marked 600 below the cabinet. Inside the body, the 19-inch mounting-rail opening is marked 450 (19").



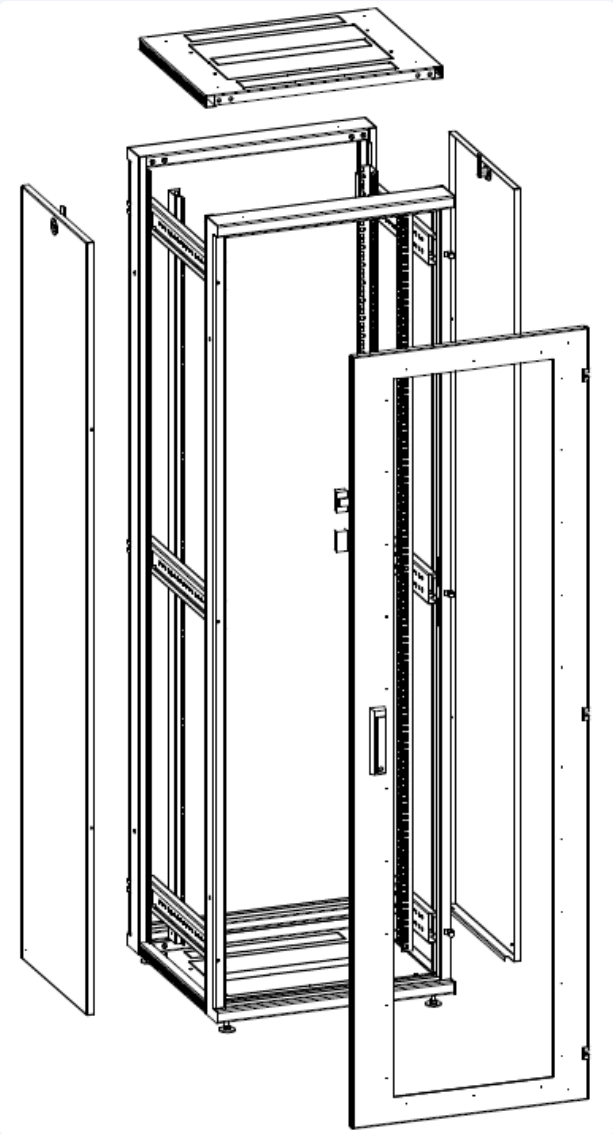
SIDE VIEW

Side elevation, generic for the whole range. Overall height varies with the ordered size. Levelling feet are visible along the base, threaded M10.



TOP VIEW

Roof panel seen from above. Slotted ventilation grilles run along both sides. A 445 × 160 mm mounting-hole pattern is provided in the centre for a fan module.



EXPLODED ASSEMBLY VIEW · DOOR OPTIONS: GLASS / PERFORATED / METAL

Exploded assembly view showing how the flat-pack parts go together. At the top is the roof panel with the fan-mounting cutout. Below it is the frame with two pairs of vertical 19-inch mounting rails. To the left is the rear panel and one removable side panel. Below the frame is the sectional base. To the right, the three interchangeable front door options are shown one behind the other: a plain metal door, a door with honeycomb perforation, and a framed tempered-glass door — all three sharing the same swing-handle lock and hinges.

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-FS-UA-19-[H]U-[W]-[D]-[DOOR]-MP-[SP]-[RAL]`

`SN-IRON`

Series name

`FS`

Floor-standing

`UA`

Unassembled (flat-pack)

`19`

19-inch rack standard

`[H]`

Height in rack units — 18, 24, 33, 42

`[W]`

Width code — 06 means 600 mm, 08 means 800 mm (800 mm only at 42U) — 06, 08

`[D]`

Depth code in metres without the decimal point — 06, 08, 10, 12

`[DOOR]`

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

`MP`

Metal rear panel

`[SP]`

Side panel count — 2SP for 600/800 mm depth, 4SP for 1000/1200 mm depth — 2SP, 4SP

`[RAL]`

> Powder-coat colour — 7035 light grey or 9005 black

EXAMPLE `SN-IRON-FS-UA-19-42U-06-08-GD-MP-2SP-7035`

42 rack units high, 600 mm wide, 800 mm deep, glass front door, metal rear panel, two side panels, RAL 7035 light grey.

Rear panel (MP) is fixed and not part of the order code choice; side panel count (SP) follows depth automatically. Metal front doors are a catalogued option but do not yet have separate SKU rows in the price list — contact DeepNet Europe for current SKU and colour availability per size.



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

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