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Deep Networks Group

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

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FLOOR-STANDING CABINETS 19″

SN-NOS Welded-Frame series

Floor-Standing Data Cabinet, 19″



SN-NOS is a floor-standing 19-inch cabinet designed for housing and organising standard 19-inch rack equipment indoors. It features a fully welded frame that provides a rigid construction, is supplied fully assembled, and supports a distributed static load of up to 800 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, while perforated and solid-metal front door versions are also available. The solid-steel rear door is secured with a round cam lock. Two pairs of galvanised 19-inch mounting rails can be repositioned along the cabinet depth. Both side panels are removable and secured with locks. 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-NOS**
Category	**Floor-Standing Cabinet**
Installation	**Indoor**
Rack standard	**19″**
Assembly	**Fully assembled**

NUMBERED DETAILS IN THE PHOTO

1. **Perforated door**
   Front door in honeycomb-perforated steel; tempered-glass and solid-metal front doors are also available for this range.
2. **Swing-handle lock**
   Swing-handle lock on the front door leaf; the rear door is secured with a matching round cam lock. Four key sets are supplied — one for each lock: front door, rear door and both side panels.
3. **Ventilation**
   Roof cutouts and slot give passive airflow by natural convection; the same pattern accepts four 120 × 120 mm fans or a Roof Fan Unit.
4. **19″ mounting rails**
   Two pairs of galvanised mounting rails, visible through the perforated door, can be repositioned along the cabinet depth.
5. **Removable side panel**
   Both side panels lift off and lock back on, opening full-height access to cabling during installation and service.

1 Key figures

Height	**24–47** U
Width	**600 / 800** mm
Depth	**600 / 800 / 1000** mm
Static Load	**800** 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 door cam lock
Ventilation Openings	Slotted grille along the roof edge
Cable Entry Points	Top and bottom panels
19″ Mounting Rails	2 pairs, adjustable depth, 25 mm step
Grounding	All removable parts earthed
Fan Mounting Positions	Mounting holes on a 105 × 105 mm pattern in the roof for four 120 × 120 mm fans or for a Roof Fan Unit
Fully Welded Construction	Rigid one-piece frame, supplied fully assembled

TYPICAL APPLICATIONS

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

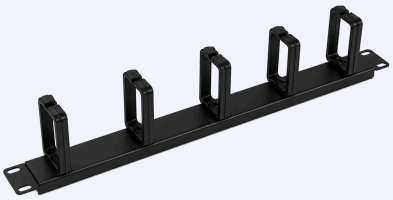
WHAT'S IN THE BOX

- Fully assembled cabinet with front and rear doors
- Two pairs of 19-inch mounting rails
- 4 key sets — one set for each lock
- Set of levelling feet

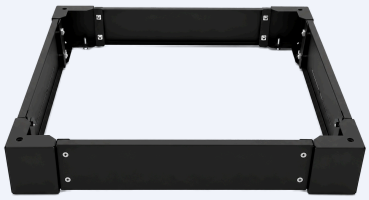
COMPATIBLE ACCESSORIES



SNV Series Roof Fan Unit



Cable ring organizer



Plinth base

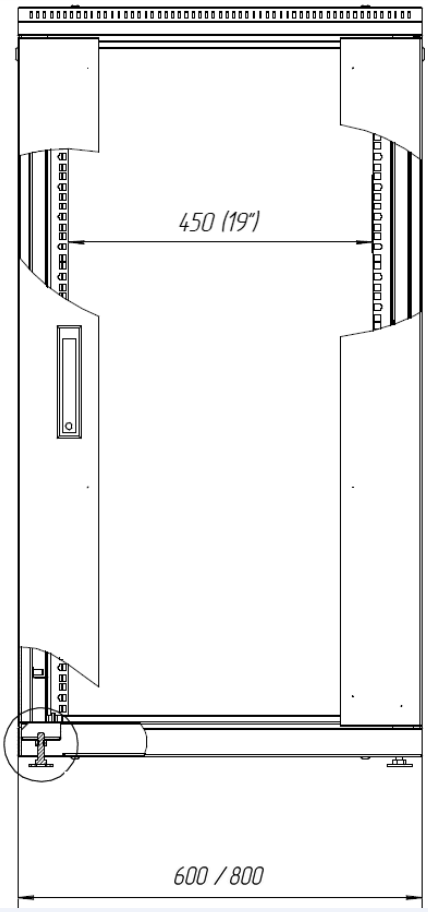
3 Size and configuration matrix

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
24U 932 mm	**450** 52.1 kg	**650** 62.1 kg	—	—	—
27U 1332 mm	**450** 63.3 kg	**650** 73.3 kg	—	—	—
33U 1600 mm	**450** 70.8 kg	**650** 80.8 kg	—	—	—
42U 2000 mm	**450** 83.4 kg	**650** 95.8 kg	**850** 103.0 kg	**650** 111.0 kg	**850** 118.2 kg
47U 2222 mm	**450** 90.4 kg	**650** 98.0 kg	**850** 105.2 kg	**650** 120.0 kg	**850** 127.2 kg

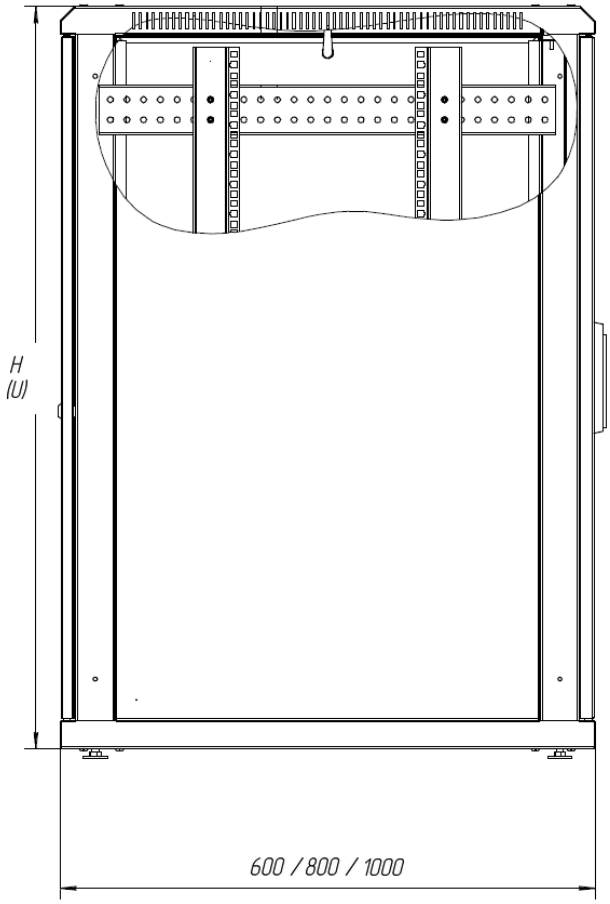
Usable internal depth is the external depth less 150 mm. Weights are for the glass-door (GD) configuration; perforated (PD) and metal (MD) front doors vary slightly — contact DeepNet Europe for exact figures. 800 mm width and 1000 mm depth are only offered at the 42U and 47U sizes; 24U/27U/33U are 600 mm wide, 600 or 800 mm deep.

4 Technical drawings



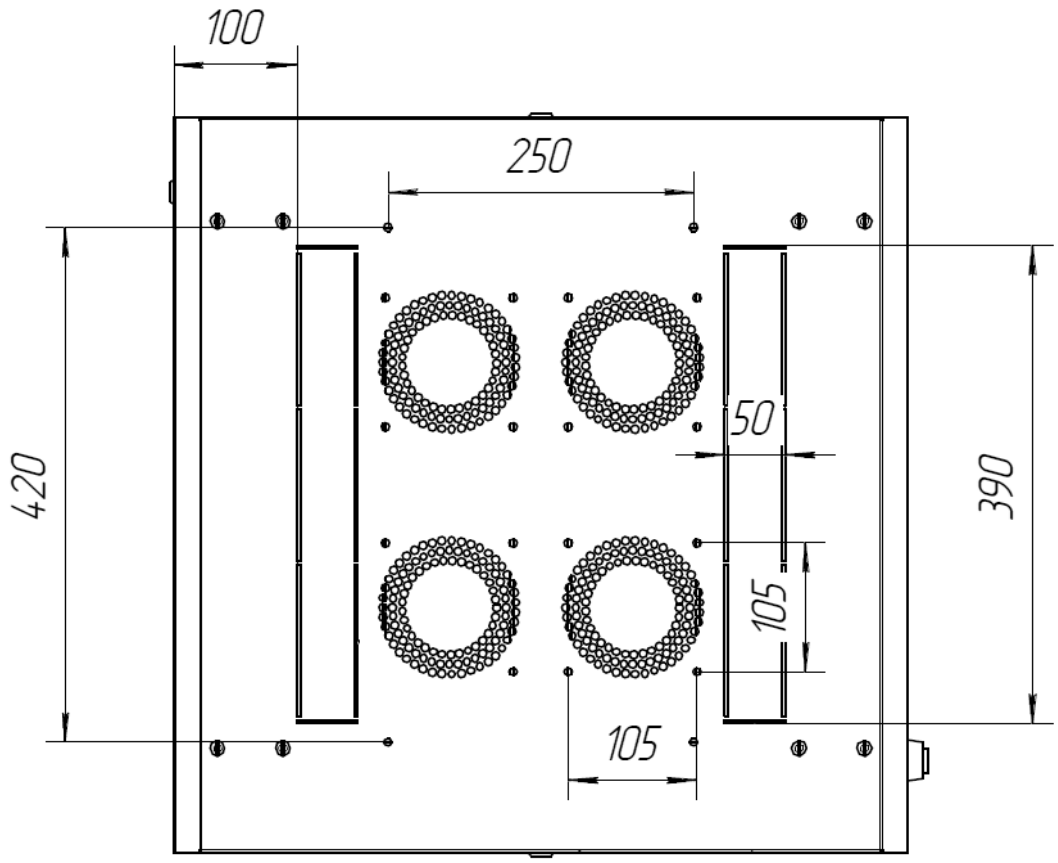
FRONT VIEW

Front elevation, generic for the whole range. Overall width is marked 600 / 800 below the cabinet, covering both widths in the range. The front pair of 19-inch mounting rails (of the two pairs fitted) stands inside the body; the horizontal dimension arrow between them is labelled 19″. A swing-handle lock sits on the door frame. Slotted ventilation runs the full width of the roof.



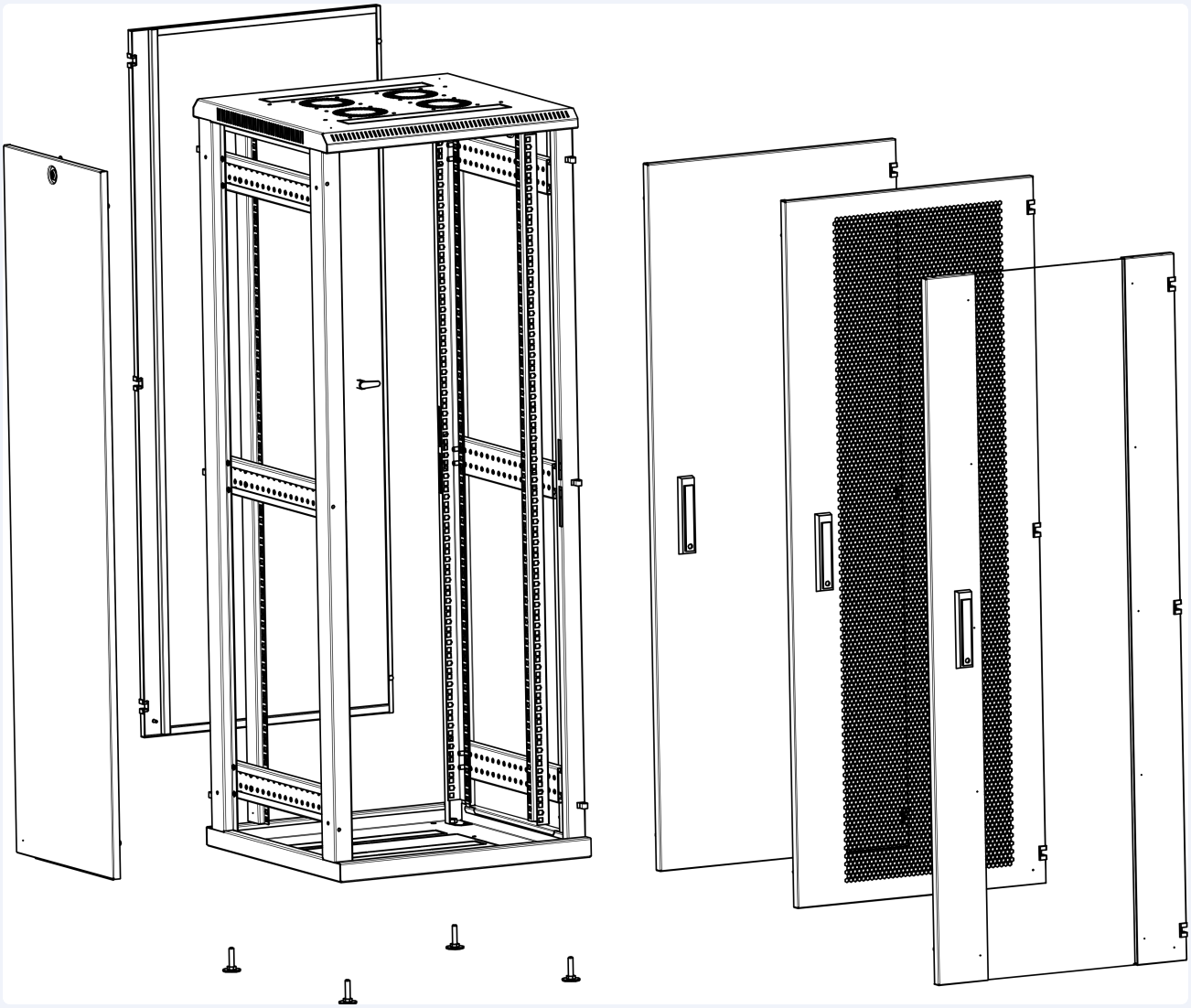
SIDE VIEW

Side elevation, generic for the whole range. Overall height on the left is marked H (U) and varies with the ordered size. The depth dimension below the cabinet is labelled 600 / 800 / 1000, covering every depth in the range. Levelling feet are visible along the base.



TOP VIEW

Roof panel seen from above. A rectangular roof cable entry slot sits near one edge, closed by a removable cover plate, and is mirrored on the base panel. A mounting-hole pattern is provided for four 120 × 120 mm fans, and a separate mounting-hole pattern is provided for installing the SNV Roof Fan Unit.



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

Exploded assembly view showing the fully welded one-piece frame with the roof fan-mounting cutout, two pairs of vertical 19-inch mounting rails and the base with levelling feet. Two removable side panels separate to one side. To the other side, four elements are shown separated from the frame: the solid rear door and the three interchangeable front door options one behind the other — a plain metal door, a door with honeycomb perforation, and a framed tempered-glass door — each with the swing-handle or cam lock and hinge fittings.

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-NOS-FS-WD-19-[H]U-[W]-[D]-[DOOR]-2SP-[RAL]`

`SN-NOS`

Series name

`FS`

Floor-standing

`WD`

Welded construction

`19`

19-inch rack standard

`[H]`

Height in rack units — 24, 27, 33, 42, 47

`[W]`

Width code — 06 means 600 mm, 08 means 800 mm (800 mm only at 42U/47U) — 06, 08

`[D]`

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

`[DOOR]`

Front and rear door together — GD-MD glass front, metal rear; PD-PD perforated metal front and rear

`2SP`

Two solid side panels

`[RAL]`

Powder-coat colour — 7035 light grey or 9005 black

EXAMPLE `SN-NOS-FS-WD-19-42U-08-08-GD-MD-2SP-7035`

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

Side panel count (2SP) is fixed and not part of the order code choice. The rear door follows the front door: GD-MD or PD-PD. A solid-metal front door is a catalogued option but does 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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DeepNet Europe Sp. z o.o.
ul. Szczecińska 16 G, 05-300 Mińsk Mazowiecki, Poland
info@deepnet.pl · deepneteu.app (https://deepneteu.app)