SOHO / MODEL SPECIFICATIONS

12U wall-mount rack cabinet

Order code UPC-SOHO-12U



Series reference photography

Front access

The hinged front door has a barrel lock and 4 mm smoked tempered glass.

Equipment mounting

Four 19-inch rails adjust in depth to match patch panels and active network equipment.

Cabling and ventilation

Cable entry points are provided at the top, base and rear. A roof unit with one or two fans is optional.

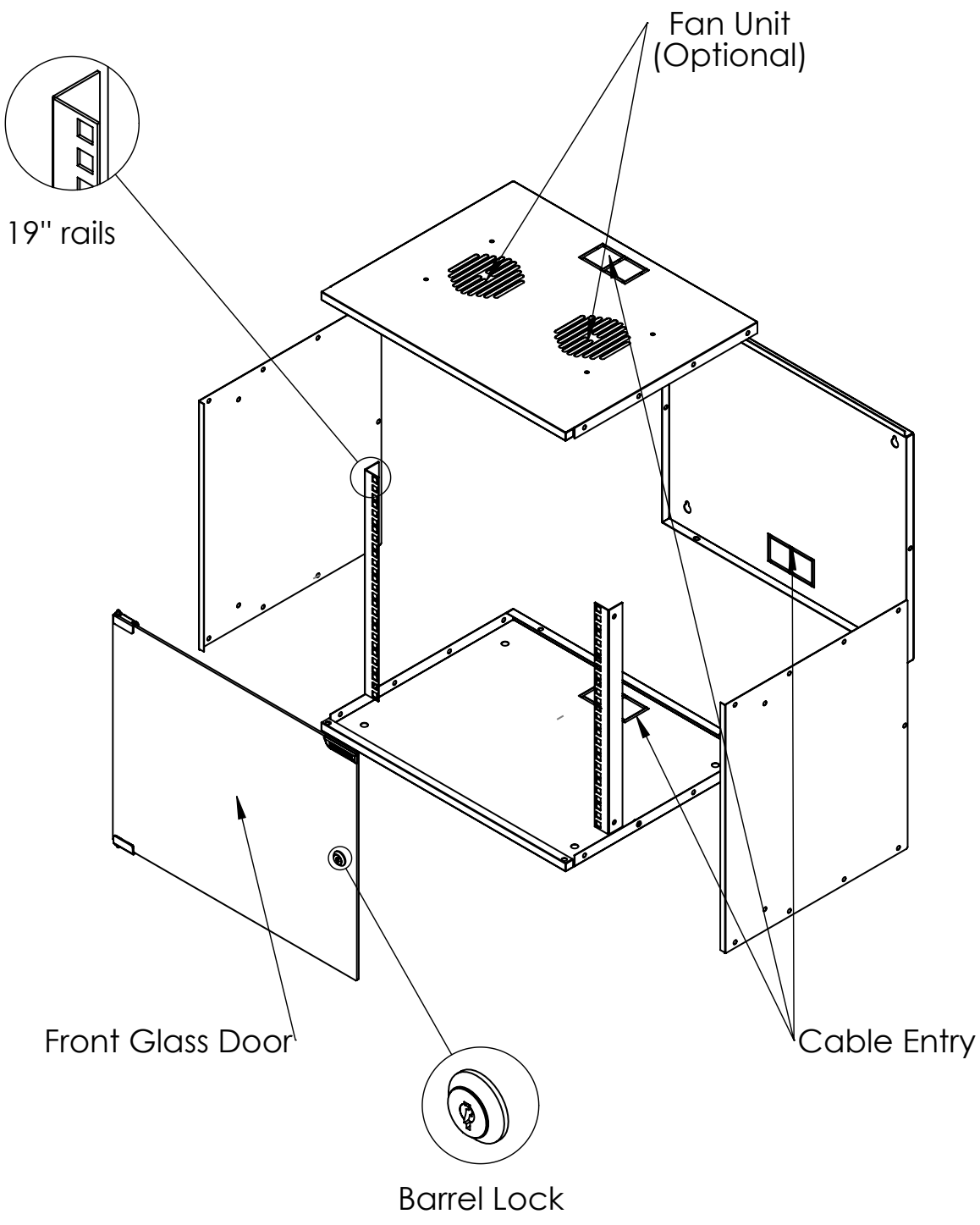
RACK HEIGHT	CABINET WEIGHT	LOAD CAPACITY
12U	**13 kg**	**50 kg**

External W × D × H	**510 × 400 × 582 mm**
Internal height (h)	**538 mm**
Construction	**Powder-coated sheet steel**
Finish options	**RAL 7035 light grey / RAL 9005 black**
Ingress protection	**IP20**
Installation	**Indoor wall mounting**

SOHO / ASSEMBLY

Exploded assembly

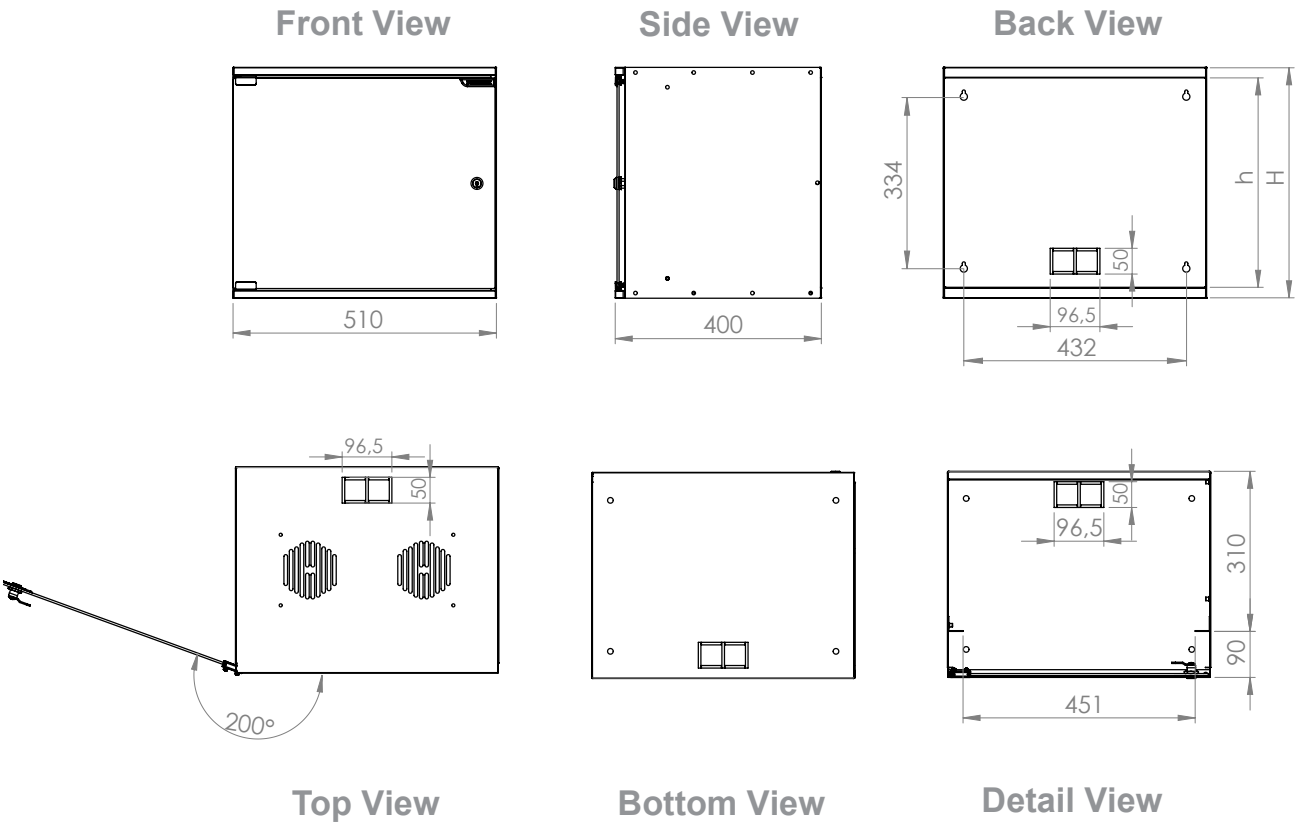
Door hardware, equipment rails and cable access. Optional components are identified in the drawing.



SOHO / MECHANICAL DRAWING

Dimensions and mounting details

Front, side and rear elevations, top and bottom plans, and mounting detail. Dimensions in mm.



External width × depth	**510 × 400 mm**
External height (H)	**582 mm**
Internal height (h)	**538 mm**
Cabinet weight	**13 kg**

SOHO / TECHNICAL REFERENCES

Materials and test references

Test conditions, enclosure protection and component specifications for the series.

ENCLOSURE TESTS

Enclosure protection

IP20 under EN 60529. The access test uses a 12 mm diameter, 80 mm long probe applied with a force of 10 N.

Mechanical loading

EN 61587-1, clauses 5.2.1 and 5.2.3. The series documentation lists static loading at level SL06, vibration and resonance under IEC 60068-2-6, and shock under IEC 60068-2-27.

Temperature and humidity

C2 climate tests cover cold exposure at -25 ± 3 °C (IEC 60068-2-1), dry heat at +70 ± 2 °C (IEC 60068-2-2) and cyclic damp heat (IEC 60068-2-30). These are test exposures.

Industrial atmosphere

Sulphur dioxide and hydrogen sulphide exposure is listed at A2. References include IEC 60068-2-42, -43 and -49.

Protective bonding

The reported protective circuit resistance is below 0.1 ohm. Test references are EN 61587-1 and EN 61010-1.

MATERIALS AND COMPONENTS

Steel enclosure

Cold-rolled sheet steel. Material references include EN 10130 and NF A36-401.

Powder coating

The electrostatic coating specification references ASTM D523 for gloss, ASTM D2794 for impact and ASTM D1186/D1400 for film thickness. Density reference: ISO 2811-1.

Fan unit and fasteners

Fan unit safety reference: EN 62368-1:2020 with AC:2020 and A11:2020. Screw and nut references: ISO 7045 and ISO 4032. Material screening: IEC 62321.

Lock hardware

The lock specification lists glass-reinforced PA6 under ISO 1043-1 and a ZnAl4Cu1 alloy under EN 1774.

Tempered front glass

EN 12150-2. The specified minimum bending strength of the glass is 120 N/mm².

Equipment enclosure references include EN IEC 61587-1:2022, UL 2416 and RoHS.