



DATASHEET
Free-standing
racks
iSEVEN
Flex Server

CONTEG

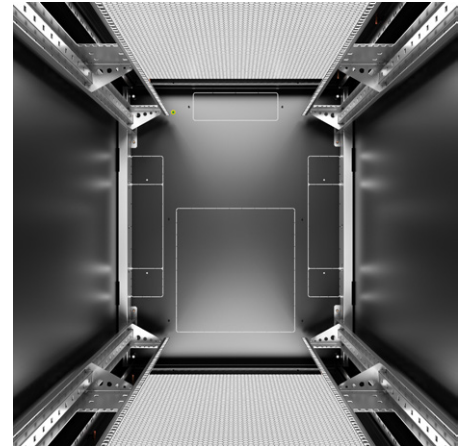
FREE-STANDING RACKS

iSEVEN FLEX SERVER



RM7-42-80/10A-S2-H

➤ The **iSEVEN Flex Server** rack is ideal for anyone who needs to house servers properly. The iSEVEN Flex Server combines our day-to-day rack with the highly valuable features of our RF1 pure server rack. Comes with a mounted frame (delivered unassembled).



MAIN ADVANTAGES

- Server rack for standard IT hardware up to 1 000 kg
- Unmatched 86% door perforation ratio decreases server fan power consumption
- Unassembled version for transport to inaccessible spaces

COLOR:  RAL 9005  RAL 7035

DESCRIPTION

Sizes

- Height: 42U
- Width: 600, 800 mm
- Depth: 1 000 mm

Construction

- Robust frame design, joined by 32 M6×12 screws
- Delivered unassembled; assembly at installation site
- Quick and easy assembly

Load rating

- 1 000 kg

19" Vertical extrusions

- A-type extrusions, non-divided (600 or 800 mm wide) extrusions without horizontal holders (for 800 mm provide additional 24U of installation space); adjustable from inside, blank panels not included.

IP rating

- Standard IP20

Colors

- Standard RAL 7035 and 9005

Front door

- Vented door—perforation rate 86%
- Swivel handle lock, DIN profile, universal key 333, single-point

Rear door

- Vented door—perforation rate 86%
- Swivel handle lock, DIN profile, universal key 333, single-point

Side panels

- Removable, with locks

Knock-out openings—cable entry

- Universal size 300 × 100 mm—rear side of top and bottom plate
- Universal openings can be covered with blank panels (ordered separately)
- Extended size 500 × 115 mm—for 800 mm width only—both sides of top and bottom plate. Consists of 3 parts—300 × 115 mm and 2×—100 × 115 mm, each of which can be opened individually.
- Extended opening can be covered with blank panel or standard cable brush—middle opening. Opening can be protected by rubber edge piece (DP-KP-LEM-6) or brush (DP-KP-KAR-6).
- 100 mm (4") 4× on top—every corner, round cable entry

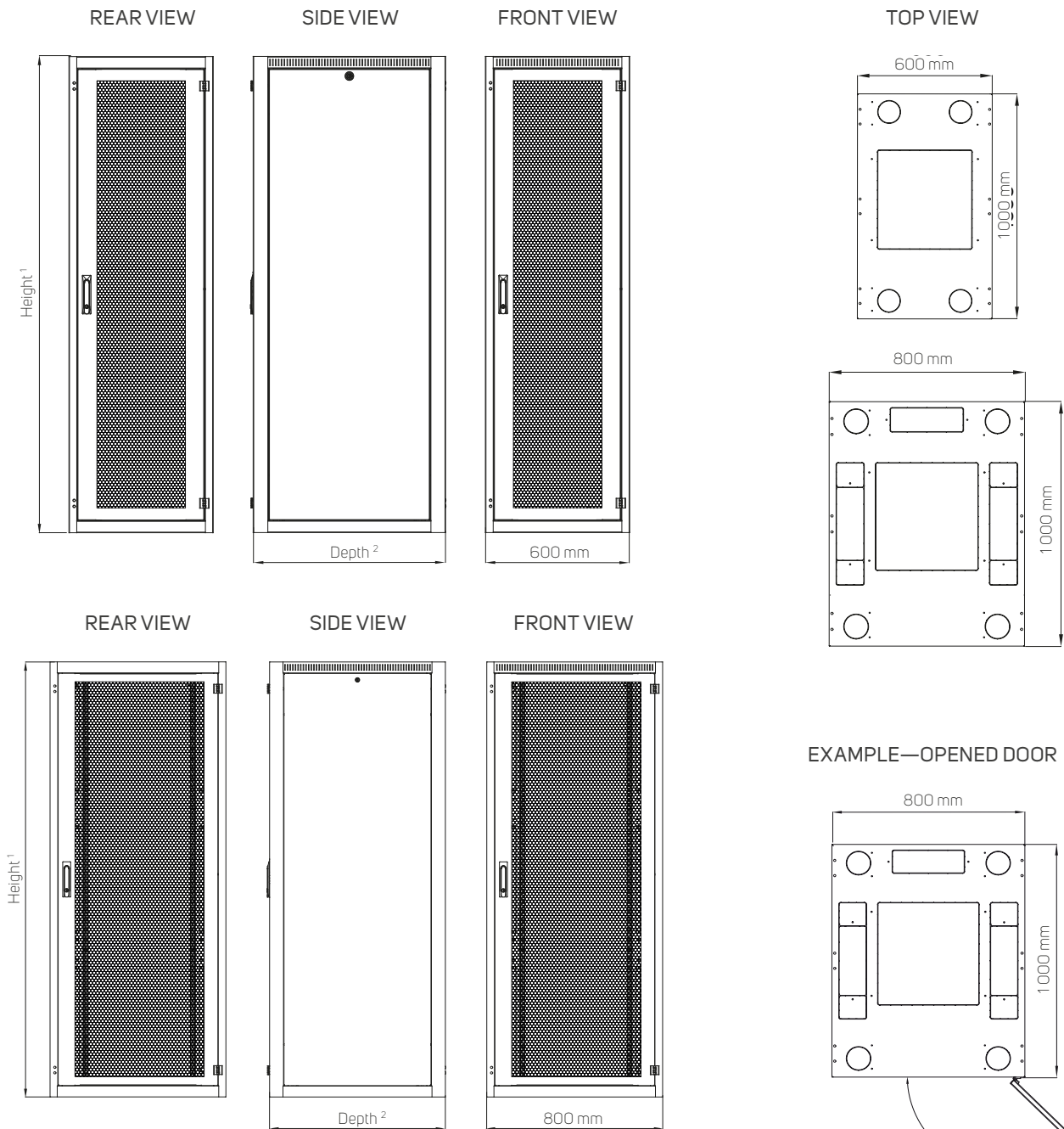
Knock-out openings—ventilation unit installation

- Standard size 420 × 440 mm
- Available in top and bottom plate
- Can be covered with blank panels (ordered separately)

Other

- OptiWay system support—12× M6 nuts on the upper frame

iSEVEN Flex Server racks—technical drawings



¹ Available heights:
 – for width 600 mm: 42U/1978 mm
 – for width 800 mm: 42U/1978 mm

² Available depths:
 – for width 600 mm: 1000 mm
 – for width 800 mm: 1000 mm

Ventilation unit openings

420 × 440 mm

Cable entries

300 × 100 mm 1× on top and bottom—rear

500 × 115 mm 2× on top and bottom—side (for 800 mm width)

100 mm (4") 4× on top—every corner, round cable entry

Door opening angle—
 up to 180°

iSEVEN Flex Server racks—ordering and shipping information

Choose the iSEVEN Flex Server rack meeting your requirements from the table below. Each configuration comes with a separate list of components. After choosing the proper configuration and Codes, please contact your CONTEG products distributor. Please note that **all iSEVEN Flex Server racks are delivered unassembled** (in 4 separate boxes).

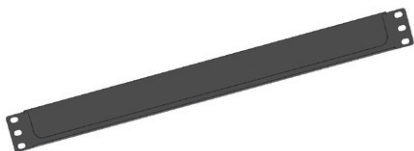
iSEVEN Flex Server standard configuration

- Top and bottom covers
- 4 columns
- 2 pairs of 19" A-profile sliding vertical extrusions
- 2 pairs of A-profile vertical extrusion holders
- Front vented door—perforation rate 86 %, with swivel handle lock
- Rear vented door—perforation rate 86 %, with swivel handle lock
- 1 pair of sheet steel side panels, with locks
- GND/earthing kit
- 28 mounting kits

Code	Height (in U)	Height (mm) *	Width (mm)	Depth (mm)	Useful depth (mm)	Color
RM7-42-60/10A-S1-B	42	1978	600	1000	990	RAL 7035
RM7-42-60/10A-S1-H	42	1978	600	1000	990	RAL 9005
RM7-42-80/10A-S2-B	42	1978	800	1000	990	RAL 7035
RM7-42-80/10A-S2-H	42	1978	800	1000	990	RAL 9005

Package information	For code RM7-42-60/10A-S1-B	For code RM7-42-60/10A-S1-H	Dimensions (mm) for RM7-42-60/10A-S1-B and RM7-42-60/10A-S1-H	For code RM7-42-80/10A-S2-B	For code RM7-42-60/10A-S1-H	Dimensions (mm) for RM7-42-80/10A-S2-B and RM7-42-60/10A-S1-H
Package 1	RM7-CO-42/6A-B	RM7-CO-42/6A-H	105 × 140 × 2100	RM7-CO-42/8A-B	RM7-CO-42/8A-H	105 × 140 × 2100
Package 2	RM7-TB-60/10A-S1-B	RM7-TB-60/10A-S1-H	630 × 1020 × 135	RM7-TB-80/10A-S2-B	RM7-TB-80/10A-S2-H	1005 × 1020 × 135
Package 3	RM7-DO-42/60-WVWV-B	RM7-DO-42/60-WVWV-H	550 × 70 × 1890	RM7-DO-42/80-WVWV-B	RM7-DO-42/80-WVWV-H	750 × 70 × 1890
Package 4	RM7-SP-42/100-B	RM7-SP-42/100-H	920 × 1920 × 85	RM7-SP-42/100-B	RM7-SP-42/100-H	920 × 1920 × 85

Recommended accessories



19" vented panel with brush



Basic PDU



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