



RDA

RDA - the server cabinet

Welded server cabinet,
IP20, capacity 1800 kg



■ Loading capacity 1800 kg

The RDA data cabinet has a reinforced construction and it is made of thicker material. Also 19" vertical rails are designed for a higher loading capacity. A version with depth over 800 mm has a central pair of vertical rails as a standard solution.



■ Triton handles

We manufacture our own handles for the free-standing cabinets. By changing the plastic module (not included), a traditional or semicylindrical lock insert can be used. Patent: PUV 2013-27443



■ Cooling air intake (A3, A7)

In the bottom of the cabinet is large opening for cable entry and the cooling air from beneath the raised floor. These models RDA (A3 and A7) are built directly on the floor without nivelation feet.



RDA 800 x 1000 mm



■ Wider body rails

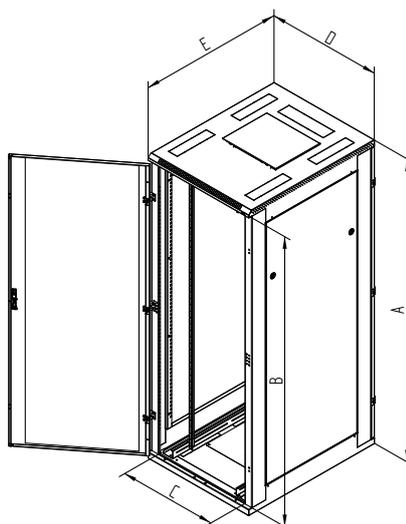
Wider rails in the body of a cabinet are intended for an additional installation of 19" power management panels, which afterwards do not occupy space within the cabinet. Thanks to this smart solution of gripping, it does not block sliding servers even for the 600 mm wide cabinet type. In addition to this solution the A5 version (at the end of the cabinet code) is characterized by break-out blanking panels for possible cable input and management in between neighbouring cabinets.



Power distribution unit inside of cabinet frame

19" power distribution units Triton can be mounted using the supplied brackets into the space inside the frame, so does not occupy valuable space for equipment.

RDA-42-L81-CAX-A1-GDA



RDA data cabinet

The RDA data cabinet is intended for servers and active equipment for computer networks. It is usually supplied with a perforated door to provide maximum cooling. It is possible to improve cooling by installing fan units to the ceiling or to the base section of the RDA cabinet. Cable entries above 19" vertical rails are covered with break-out blanking panels and also provide with an easy connection of installed technologies into a larger unit.

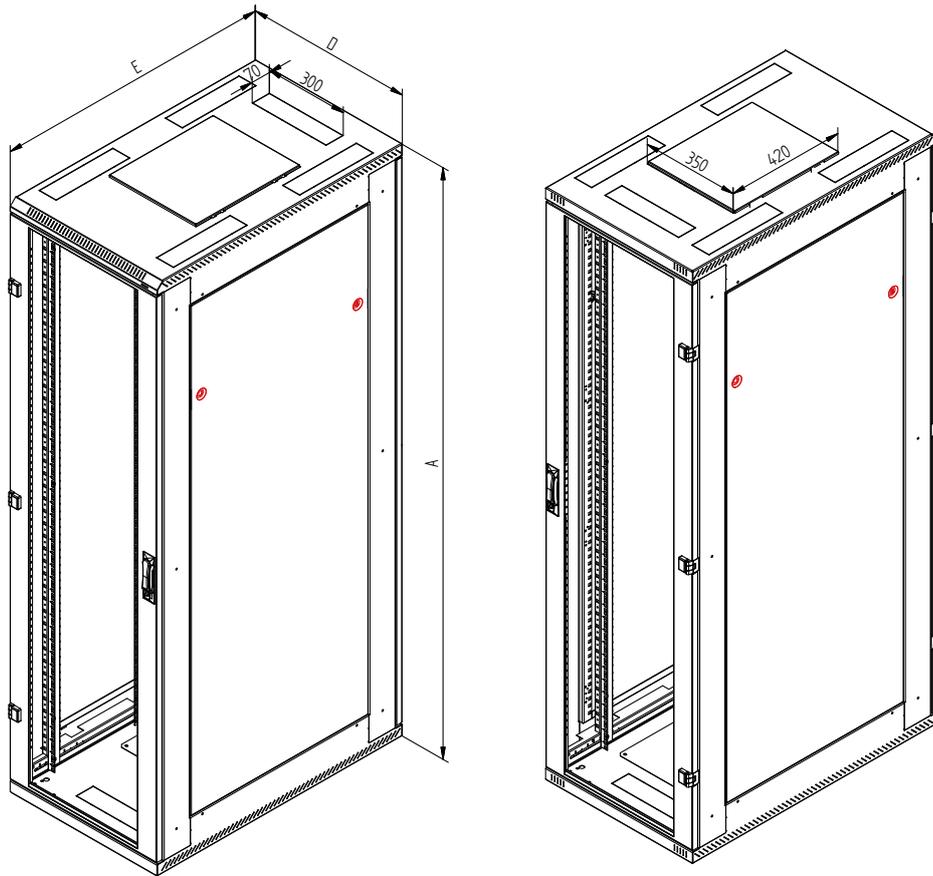
Slightly different versions (A3, A7) are developed for „Data centers“. The difference is given by screwed side panels, cable entries and hole in the floor of cabinets.

RDA								
Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (kg)
	(mm)							
RDA-37-L68-CAX-Ax-GDA	1750	1648	487	600	800	104,3	96,0	1800
RDA-42-L68-CAX-Ax-GDA	1970	1868	487	600	800	113,3	104,8	
RDA-45-L68-CAX-Ax-GDA	2105	2003	487	600	800	118,8	110,1	
RDA-47-L68-CAX-Ax-GDA	2194	2092	487	600	800	121,6	113,0	
RDA-37-L61-CAX-Ax-GDA	1750	1648	487	600	1000	121,8	110,9	
RDA-42-L61-CAX-Ax-GDA	1970	1868	487	600	1000	131,7	120,7	
RDA-45-L61-CAX-Ax-GDA	2105	2003	487	600	1000	137,8	126,8	
RDA-47-L61-CAX-Ax-GDA	2194	2092	487	600	1000	141,1	130,1	
RDA-37-L60-CAX-Ax-GDA	1750	1648	487	600	1100	129,8	116,9	
RDA-42-L60-CAX-Ax-GDA	1970	1868	487	600	1100	140,1	127,1	
RDA-45-L60-CAX-Ax-GDA	2105	2003	487	600	1100	146,4	133,4	
RDA-47-L60-CAX-Ax-GDA	2194	2092	487	600	1100	149,9	136,8	
RDA-37-L62-CAX-Ax-GDA	1750	1648	487	600	1200	133,3	121,1	
RDA-42-L62-CAX-Ax-GDA	1970	1868	487	600	1200	145,9	133,6	
RDA-45-L62-CAX-Ax-GDA	2105	2003	487	600	1200	152,4	140,1	
RDA-47-L62-CAX-Ax-GDA	2194	2092	487	600	1200	154,9	142,7	
RDA-37-L88-CAX-Ax-GDA	1750	1648	687	800	800	153,8	139,4	
RDA-42-L88-CAX-Ax-GDA	1970	1868	687	800	800	129,9	120,1	
RDA-45-L88-CAX-Ax-GDA	2105	2003	687	800	800	135,5	125,6	
RDA-47-L88-CAX-Ax-GDA	2194	2092	687	800	800	135,5	125,6	
RDA-37-L81-CAX-Ax-GDA	1750	1648	687	800	1000	138,7	128,7	
RDA-42-L81-CAX-Ax-GDA	1970	1868	687	800	1000	141,1	137,6	
RDA-45-L81-CAX-Ax-GDA	2105	2003	687	800	1000	157,5	143,8	
RDA-47-L81-CAX-Ax-GDA	2194	2092	687	800	1000	161,0	147,4	
RDA-37-L80-CAX-Ax-GDA	1750	1648	687	800	1100	147,6	134,6	
RDA-42-L80-CAX-Ax-GDA	1970	1868	687	800	1100	158,2	145,1	
RDA-45-L80-CAX-Ax-GDA	2105	2003	687	800	1100	164,6	151,6	
RDA-47-L80-CAX-Ax-GDA	2194	2092	687	800	1100	169,7	155,1	
RDA-37-L82-CAX-Ax-GDA	1750	1648	687	800	1200	153,8	139,4	
RDA-42-L82-CAX-Ax-GDA	1970	1868	687	800	1200	166,8	152,2	
RDA-45-L82-CAX-Ax-GDA	2105	2003	687	800	1200	173,5	158,8	
RDA-47-L82-CAX-Ax-GDA	2194	2092	687	800	1200	177,3	162,5	

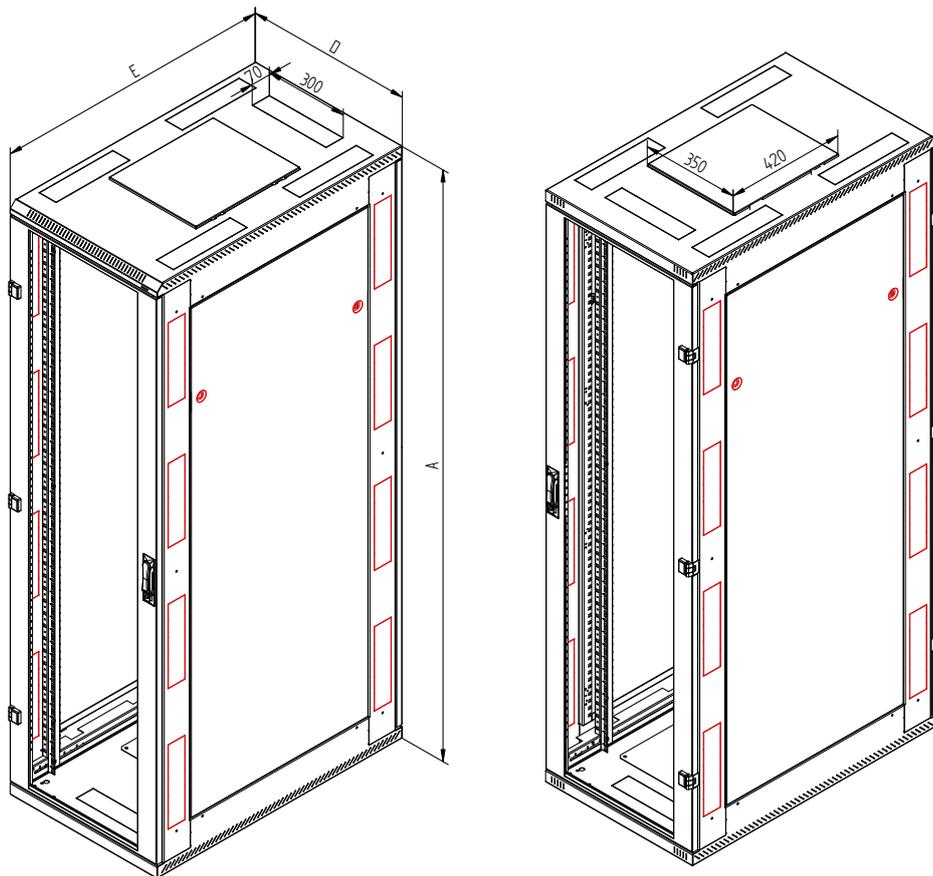
With exact configuration will help you program on our website <http://www.triton.cz/en/konfigurator>.



Variant A1

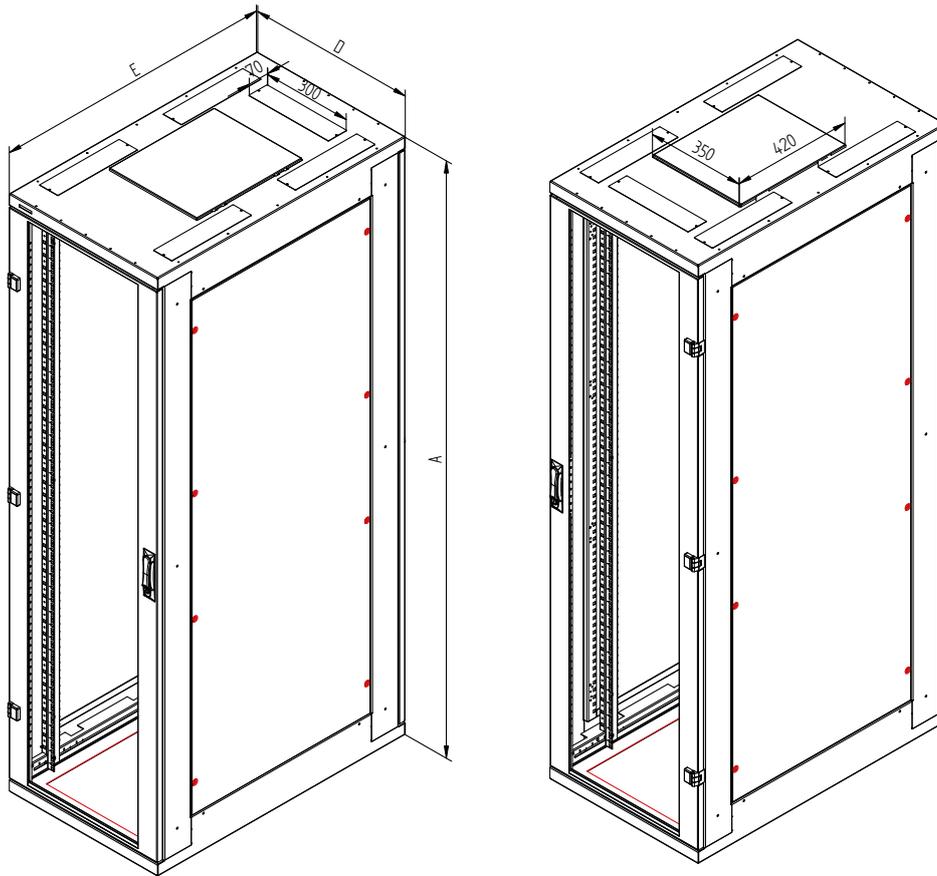


Variant A5

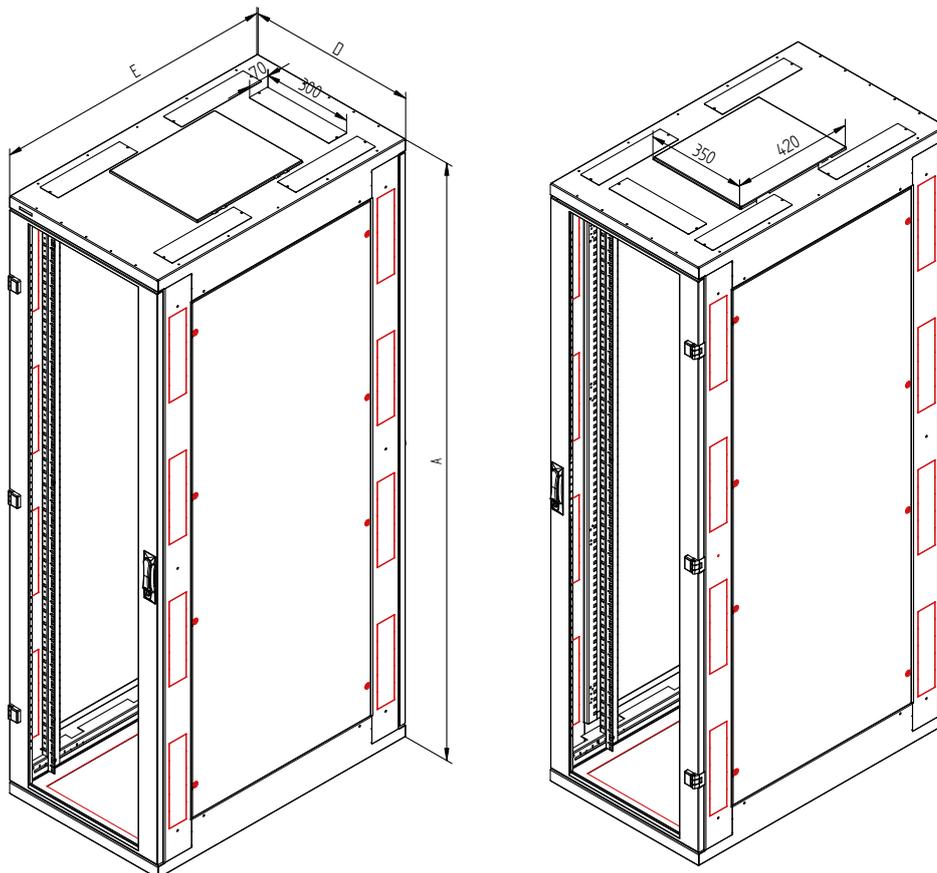




Variant A3 for data centers



Variant A7 for data centers





Server cabinet RDA

■ Description, purpose of use

- 19" free-standing cabinet with IP20 protection
- Cabinet includes 4 sliding vertical rails for device mounting (6 rails for cabinets deeper than 800 mm).
- Cabinet construction:
 - Welded steel frame with removable side panels fixed by locks
 - Single or double doors in all metal versions, perforated (80% and 86 % air permeability) or glazed with safety tempered glass 4 mm. They can be on the front or back of the cabinet.
 - Preparation for installation of power distribution units to the frame
 - Preparation for joining the cabinets together
 - A5 version has a breakout cable entries in the frame for the cabling between cabinets
- The maximum recommended load of cabinet is 1800 kg, maximum load of the door is 20 kg.
- Min. thickness of the surface finish is 65 µm.
- The racks are designed for installation of data and telecommunication equipment and distribution systems.
- The frame of the cabinet and all the removable parts (side and rear covers, doors...) are bonded with patch cables that have to be properly fixed and inserted into connectors throughout the period of use of the cabinet.
- There is one M8 screw placed on the bottom part of the cabinet to connect the bonding.
- Can be mounted on castors and levelling feet.
- Cable openings covered with breakout-type blanking panels are placed in the top and the bottom part of the cabinet.

■ Operating conditions

- Operating environment:
 - Office
 - The cabinet is not intended for outdoor installations and for installations in environment that can influence negatively the functionality of the cabinet and the mounted devices (e.g. environment with danger of explosion)
- Must be protected against:
 - Mechanical damage
 - Improper handling
 - A different usage than the cabinet is intended for
- Improper handling is especially:
 - Overloading (exceeding the maximum recommended load)
 - Installing devices which may negatively influence the operation and function of the cabinet or the installed equipment.
 - Change of the construction or design of the cabinet

■ Installation of the cabinet

- To ensure the maximum recommended load, it is necessary to distribute the load equally.
- Place the cabinet on a flat floor and adjust any differences using the levelling feet.
- To avoid dust penetration in the case where cables lead through some of the cable openings, it may be sealed with a blanking panel with a brush or secured by a plastic frame (both are included in the delivery).

■ Environmental protection

- All parts are made of recyclable materials and after decommissioning the cabinet, it must be disposed of according to relevant regulations

■ Certificate and conformity

- This product is certified with TÜV SÜD Czech, number of certificate 11.398.138, date 14/02/2018 and is fully in accordance with ČSN EN 62208 ed.2:2012(EN 62208:2011).