INSTRUCTION MANUAL

Rack drawer for media storage ProDevice MSS

V.MSS.2024.2.EN

ProDevice

CONTENTS

ProDevice

Thank you for purchasing the ProDevice MSS (Modular Storage System) drawer – a smart, professional and space optimizing solution for secure storage and archiving of data carriers (magnetic tapes, disks, floppy disks, etc.). Available in the 3U and 4U versions, and with an extraordinary high storage capacity, the MSS drawers can be mounted in any 19" rack due to standard dimensions and universal rails.

This user manual is integral to the device. Read and understand the manual before operating the cabinet. Keep the manual for future reference. The company Diskus Polska sp. z o. o., as the manufacturer is not responsible for the partial or total failure to comply with this manual.

Strictly follow the operating guidance specified in the user manual. Any deviation from it is against the intended use of the drawer. The manufacturer will not be liable for any damage caused by non-intended use of the device.

Never attempt to modify the drawer. The manufacturer will not be liable for the performance or operating safety if the device is modified.

The manufacturer reserves the right to introduce changes to the design of devices, deemed necessary by the manufacturer to improve them.

Refer to Instruction manual.

Close the drawer with caution.

No sitting.

ProDevice

1. FEATURES

- Prodevice MSS Drawer
- Supermicro MCP-290-00053-0N rails
- A key for the drawer lock (in version Basic)
- Cable guide (in versions Professional and Ultimate)
- Power supply (in versions Professional and Ultimate)
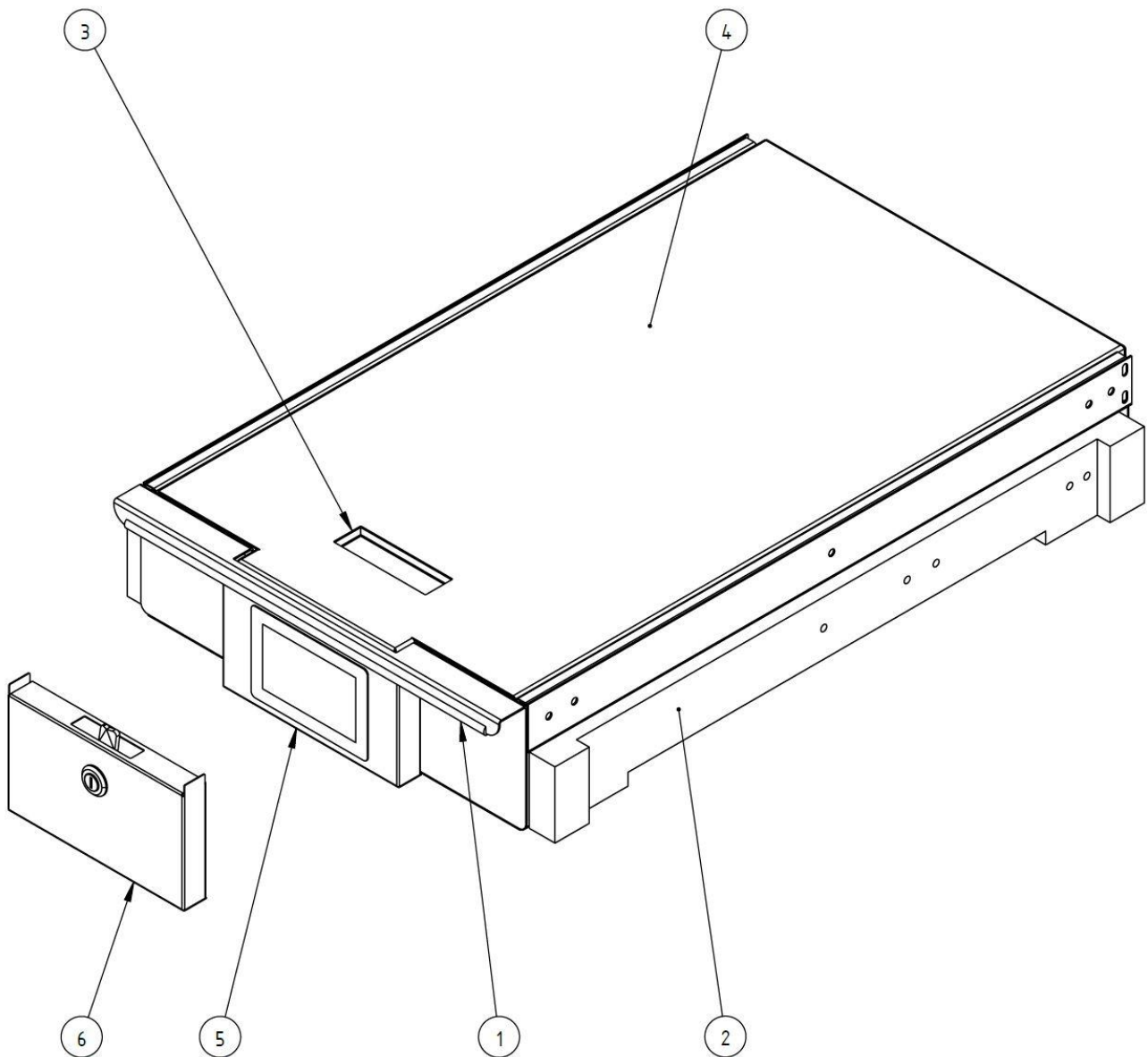- Pendrive with manual instructions

2. PACKAGING REMOVAL

The MSS drawer is delivered to the buyer in a dedicated box. The device's weight requires at least two people to remove it from the box and subsequent transport to the place of installation. Carefully remove all packaging materials and verify that the contents are complete as listed in the product features above. Having removed the packaging materials, immediately inspect the drawer for any evidence of damage in transport. If the device or any of its dedicated accessories are damaged, report this to the shipment forwarder and the manufacturer.

With all packaging materials removed, place the drawer in the designated installation site by following this instruction manual.

ProDevice

3. OVERVIEW

Isometric view

1. Drawer pull-out handle

2. Supermicro MCP-290-00053-0N rails

3. Top cover pull-out handle

4. Top cover

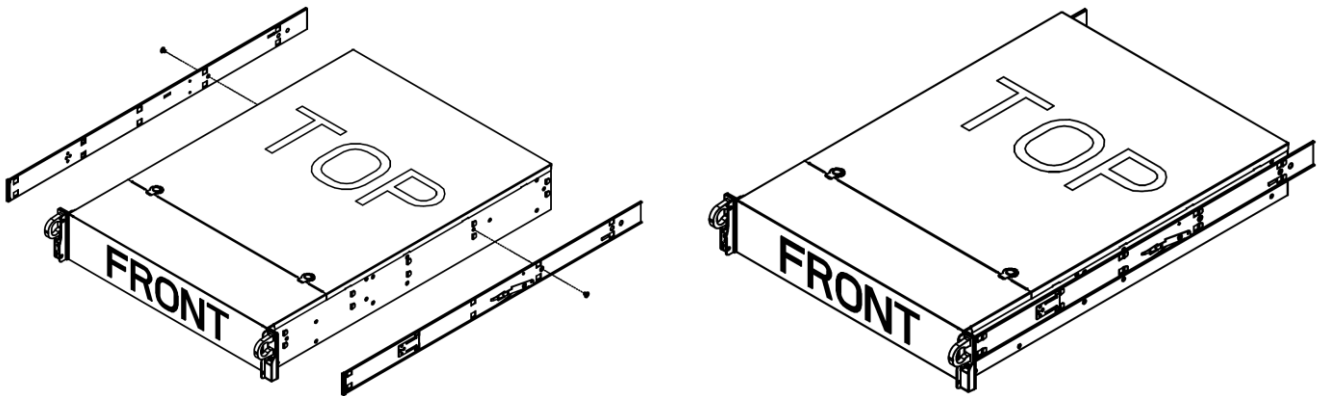5. Front Professional / Ultimate

6. Front Basic

Technical specification

Model	MSS 300 Basic	MSS 300 Pro. / Ultimate
Height	3 U	3 U
External dimensions	131 x 450 x 750 mm	131 x 450 x 765 mm
Capacity	32,5 l	32,5 l
Weight	22 kg	23 kg

Model	MSS 400 Basic	MSS 400 Pro. / Ultimate
Height	4 U	4 U
External dimensions	175 x 450 x 750 mm	175 x 450 x 765 mm
Capacity	45 l	45 l
Weight	23 kg	24 kg

ProDevice

4. OPERATION

The MSS drawer has been designed for installation in 19-inch cabinets and racks with a minimum depth of 1000 mm. Before starting the installation, make sure that there is free space in the cabinet for the planned drawer.

The drawer must be installed in the rack cabinet using the Supermicro MCP-290-00053-0N rails, supplied with the drawer. Note that the left and right rails are different. Internal rail guides will be fitted to the drawer by the manufacturer.

Before starting the installation, make sure that you put the corresponding rails on the left and right sides of the drawer.
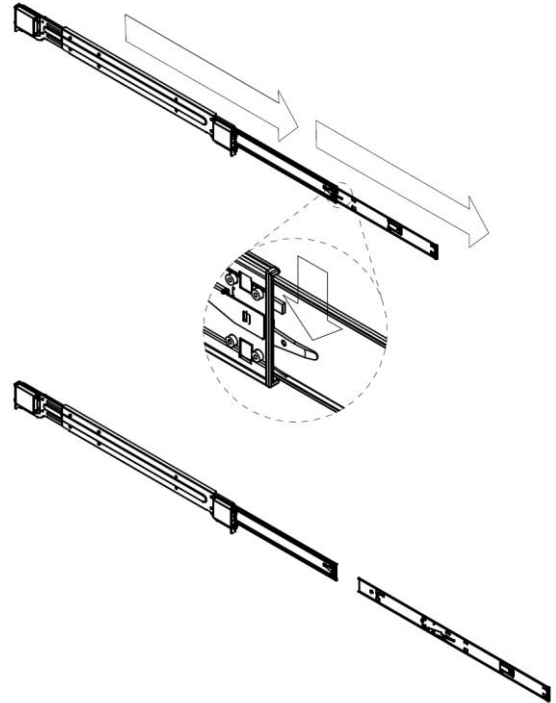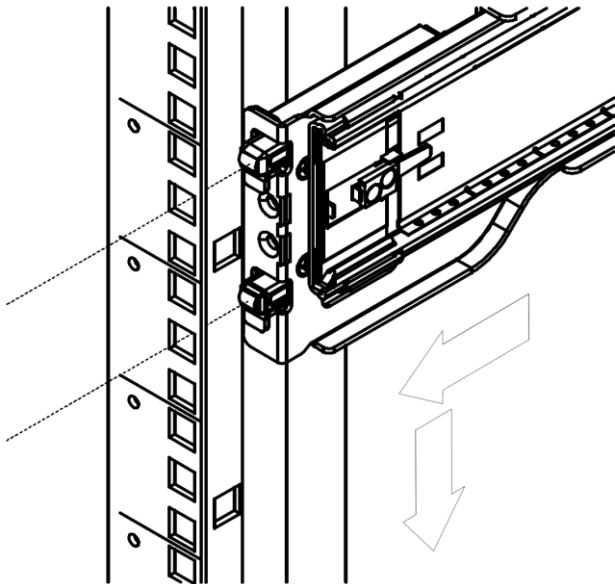
Begin the installation of the drawer by properly fastening the rails in the rack cabinet, following the instructions on the next page.

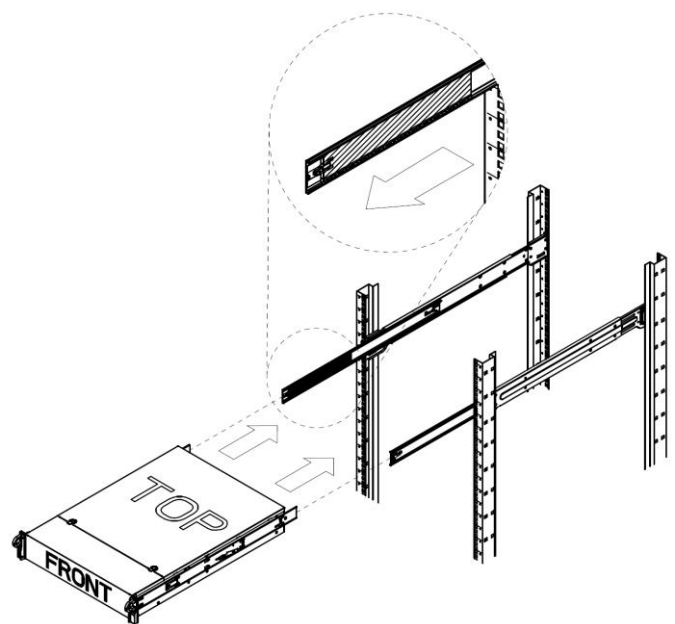At least two people or a server lift are required to securely mount the drawer in the rack.

The drawer extends fully beyond the vertical slats of the rack cabinet.

ProDevice

Mounting the drawer in the rack cabinet

Unfold the rails attached to the device and slide out the inner part using the locking mechanism shown in the picture beside.
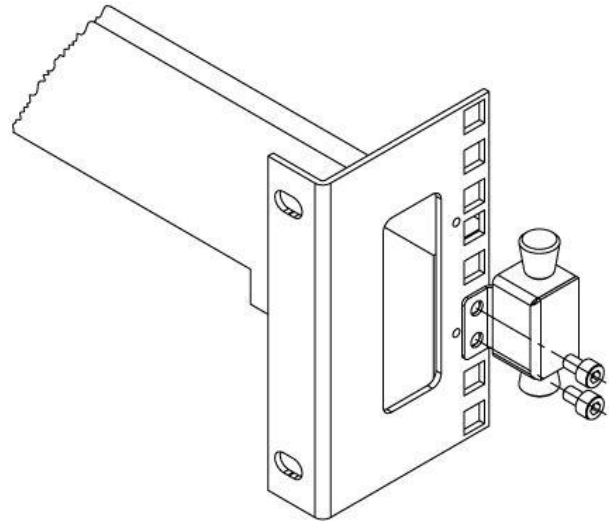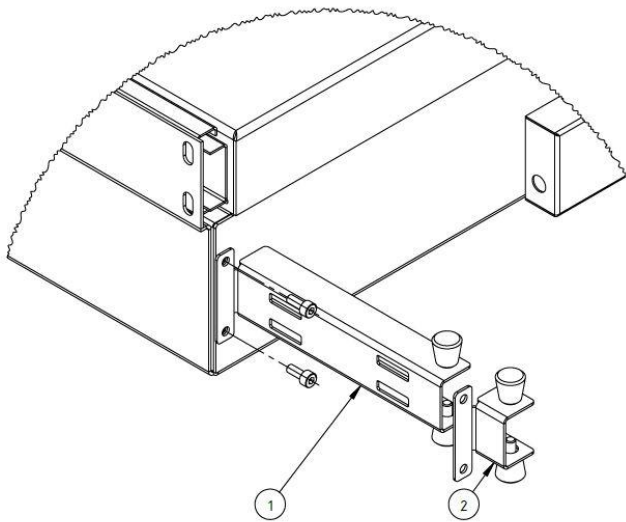

Then, secure the rails to the rack mounting rails using the built-in latches.

Slide out the middle part of the rail and make sure it is locked. Then, with the help of a second person or a server lift, position the drawer so that the inner rails align with the middle rails and slide the drawer inside. To slide the drawer inside the cabinet, use the locking mechanism again.
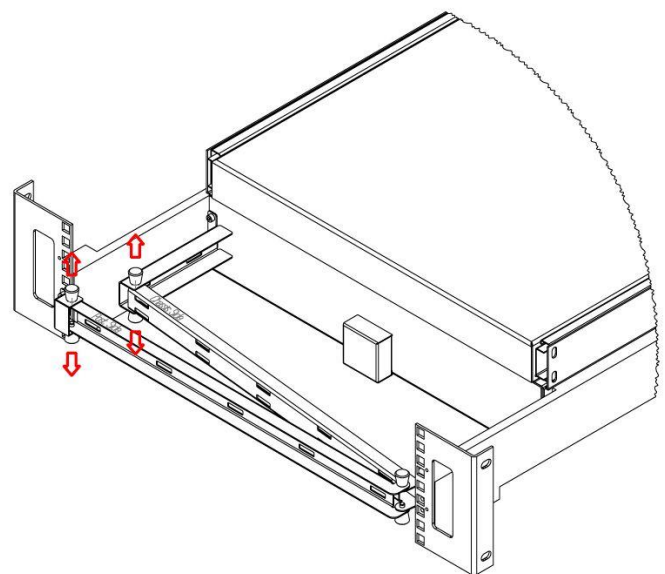
ProDevice

Mounting the cable guide (in versions Professional and Ultimate)

Screw the frame mounting piece into the holes in the previously installed right Supermicro MCP-290-00053-0N rail using M5 screws.

Then, attach the drawer mounting piece to the holes in the drawer body using M4 screws. You can install a long element (1) or a short element (2) depending on the dimensions of your rack cabinet.

Install the cable guide arms by pulling the spring pins outwards. Pay attention to the method of mounting the guide - the element mounted to the frame is marked "post side", and the element mounted to the drawer is marked "chassis side". Mount the drawer power cord loosely using cable ties inside the cable guide.

ProDevice

5. STORAGE OF MEDIA

If the rack cabinet is not permanently attached to the floor, place the MSS drawer at the lowest level possible.

Each ProDevice MSS drawer must be loaded with evenly distributed components.

Do not exceed a maximum load of 70 kg per drawer.

DANGER!

Never attempt to sit on top of the ProDevice MSS drawer.

6. MAINTENANCE

Only clean the machine with a soft cloth and water. Do not allow water to enter the device. Do not use scouring agents, cleaning fluids, petroleum, or thinners.

Mechanical maintenance may only be performed by the manufacturer's authorized service.

In the event of a failure or interruption in operation due to damage to the device or any of its components, contact the authorized service of the manufacturer.

ProDevice

CONTACT

ProDevice Spółka z ograniczoną odpowiedzialnością

ul. Kościuszki 1, 32-020 Wieliczka, Poland

tel. +48 122 919 101

e-mail: info@pro-device.com

service: support@pro-device.com

If you have an improvement idea or suggestion, write to **info@pro-device.com**

info@pro-device.com

www.pro-device.com

MANUFACTURER'S ADDRESS DETAILS

DISKUS Polska Spółka z ograniczoną odpowiedzialnością

ul. Kościuszki 1, 32-020 Wieliczka, Polska

service: support@pro-device.com