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**BLACK BOX**  
NETWORK SERVICES

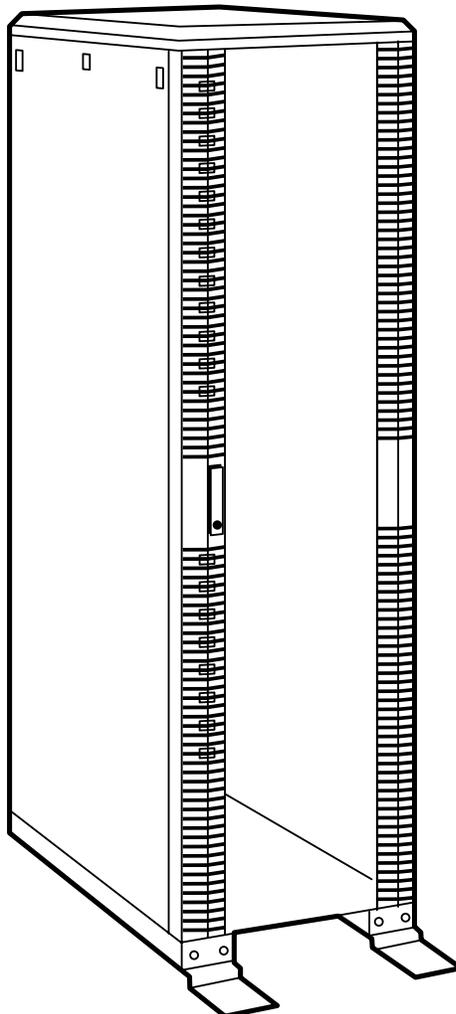


JULY 2000

RM870A  
RM871  
RM872  
RM873  
RM874

RM875A  
RM876  
RM877  
RM878  
RM879

## Server Pro 36 and Accessories



**CUSTOMER  
SUPPORT  
INFORMATION**

Order **toll-free** in the U.S.: Call **877-877-BBOX** (outside U.S. call **724-746-5500**)  
FREE technical support 24 hours a day, 7 days a week: Call **724-746-5500** or fax **724-746-0746**  
Mailing address: **Black Box Corporation**, 1000 Park Drive, Lawrence, PA 15055-1018  
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## TRADEMARKS USED IN THIS MANUAL

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## Available Models

The following items are available from Black Box:

- RM870A, Server Pro 36 (Black)
- RM875A, Server Pro 36 (Light Gray)
- RM871, Heavy-Duty Vented Fixed Shelf (Black)
- RM876, Heavy-Duty Vented Fixed Shelf (Light Gray)
- RM872, Heavy-Duty Vented Sliding Shelf (Black)
- RM877, Heavy-Duty Vented Sliding Shelf (Light Gray)
- RM873, Sliding Keyboard Shelf (Black)
- RM878, Sliding Keyboard Shelf (Light Gray)
- RM874, Cabinet Top Panel with Fans (Black)
- RM879, Cabinet Top Panel with Fans (Light Gray)

# Server Pro 36 (RM870A and RM875A)

## Specifications

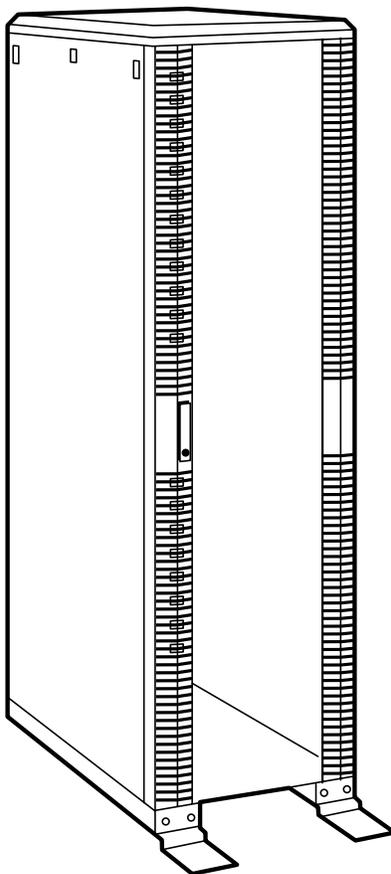
**Frame**—16-gauge steel

**Rack Spaces**—42U

**Mounting Rails**—14-gauge steel

**Size**—Exterior: 80"H x 24"W x 36"D (203.2 x 61 x 91.4 cm); Interior: 73.5"H x 19"W x 34"D (186.7 x 48.3 x 86.4 cm)

**Weight**—300 lb. (136.3 kg)



## **Features**

- Fully assembled.
- Accommodates larger servers.
- Industry-standard M6 mounting rails.
- 380-CFM fans prevent heat buildup.
- Holds up to 1100 lb. (499 kg).
- Locking side panels.
- Includes two vertical cable-management raceways.
- Anti-tip feet prevent cabinet sway when loading or unloading equipment.
- Leg levelers and casters included.

## **Installation**

The Server Pro 36 holds servers from IBM®, Gateway®, NEC, Compaq®, HP®, and others. Follow these steps to install your server in the rack:

1. Select the appropriate set of adjustable mounting rails (included) to fit your server.
2. Using the rackmounting hardware that you received from your server manufacturer, rackmount your server. Follow the instructions that came with your server.
3. Close the front and rear doors.
4. Secure the cabinet by locking the doors. Simply twist the handle latches to lock.

# Heavy-Duty Vented Fixed Shelf (RM871 and RM876)

## Description

The Heavy-Duty Vented Fixed Shelf supports heavy hardware—including tower servers and UPSes. It holds 200 lb. (90.7 kg) and measures 17.8"W x 29.7"D (45.2 x 75.4 cm).

## What's Included

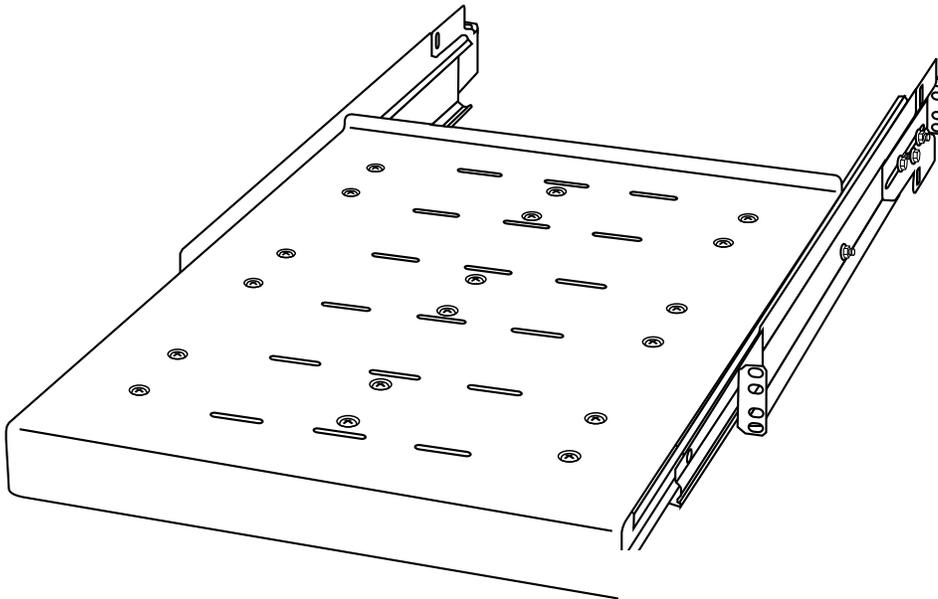
- (1) Heavy-Duty Vented Fixed Shelf
- (4) M6 x 16-mm screws
- (4) M6 tensilock nuts

## What You Need to Supply

- (1) 5/16" Allen wrench

## Installation

1. Determine the desired location for the shelf.
2. Attach the shelf assembly with M6 screws and M6 nuts. Tighten the screws.



# Heavy-Duty Vented Sliding Shelf (RM872 and RM877)

## Description

The Heavy-Duty Sliding Shelf is ideal for equipment that you access frequently. Heavy-duty rails and 16-gauge steel hold 220 lb. (99.8 kg). The Shelf measures 17.6"W x 24.6"D (44.6 x 62.5 cm).

## What's Included

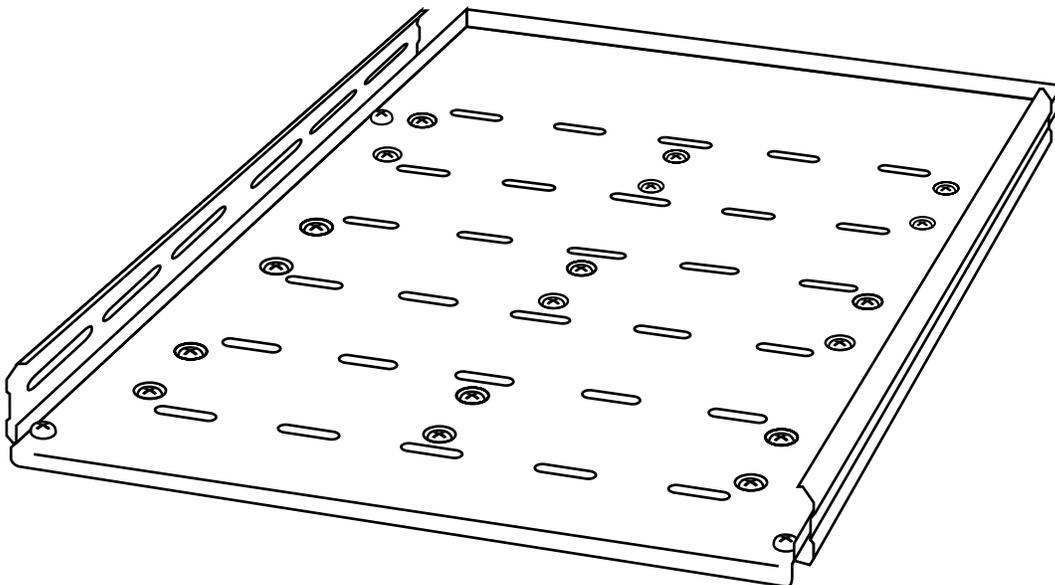
- Heavy-Duty Vented Sliding Shelf
- (16) square M clips
- (16) 12-24 threaded screws
- (9) nuts

## What You Need to Supply

- (1)  $\frac{3}{16}$ " Allen wrench

## Installation

1. Determine the desired location for the shelf.
2. Attach the shelf assembly with the square M clips, screws, and nuts. Tighten the screws.



# Sliding Keyboard Shelf (RM873 and RM878)

## Description

The Sliding Keyboard Shelf holds keyboards up to 17.75" (45.1 cm) wide. It holds up to 44 lb. (20 kg).

## What's Included

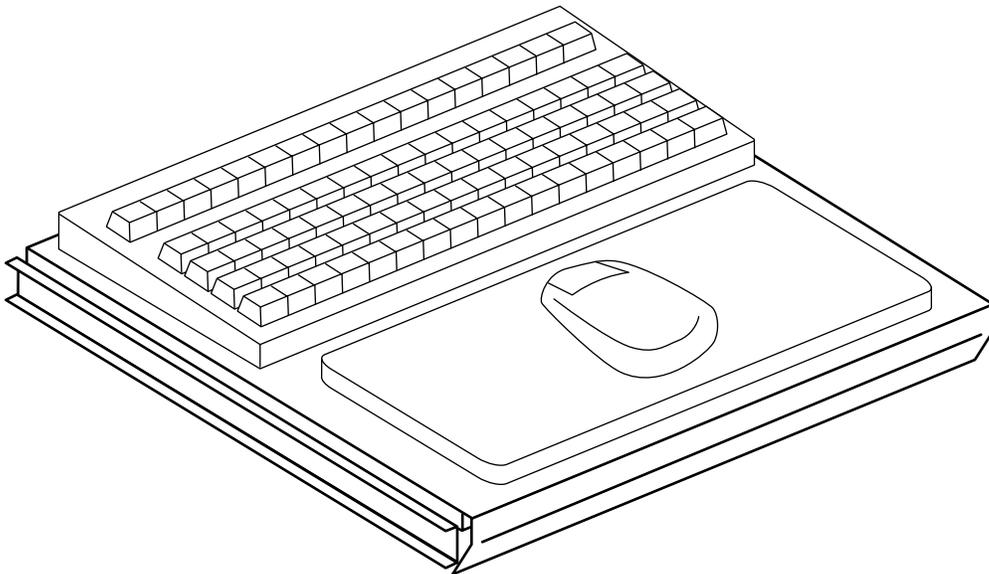
- (1) Sliding Keyboard Shelf
- (2) horizontal adjustable rails
- (10) 12-24 threaded screws
- (4) M clips
- (6) nuts

## What You Need to Supply

- (1)  $\frac{3}{16}$ " Allen wrench

## Installation

1. Determine the desired location for the shelf.
2. Attach the shelf assembly with the square M clips, screws, and nuts. Tighten the screws.



# Cabinet Top Panel with Fans (RM874 and RM879)

## Description

The Cabinet Top Panel with Fans supplies 380 CFM without using any available rack height. It measures 14.8"W x 24.7"D (37.5 x 62.7 cm).

## What's Included

- (1) Cabinet Top Panel
- (4) 12-24 threaded screws
- (4) nuts

## What You Need to Supply

- (1)  $\frac{3}{16}$ " Allen wrench

## Installation

1. Slide the Cabinet Top Panel with Fans into the top opening on the rack.
2. Install the screws and nuts and tighten them.

