

## Black Box KVT517A-1UV-R2

# Black Box ServView V KVM Tray KVT517A-1UV-R2 User Manual

Model: KVT517A-1UV-R2

## INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Black Box ServView V KVM Tray, model KVT517A-1UV-R2. This rackmountable 17-inch, dual-rail, 1U console drawer is designed for efficient space utilization in server environments, offering single-port KVM functionality with DVI or VGA video and USB or PS/2 peripheral support.

## PACKAGE CONTENTS

Before proceeding with installation, verify that all items are present and undamaged. If any items are missing or damaged, contact your vendor immediately.

- ServView V KVM Tray Unit (KVT517A-1UV-R2)
- Rackmount Kit
- Power Adapter
- KVM Cable(s) (DVI/VGA, USB/PS/2)
- User Manual (this document)

## SETUP

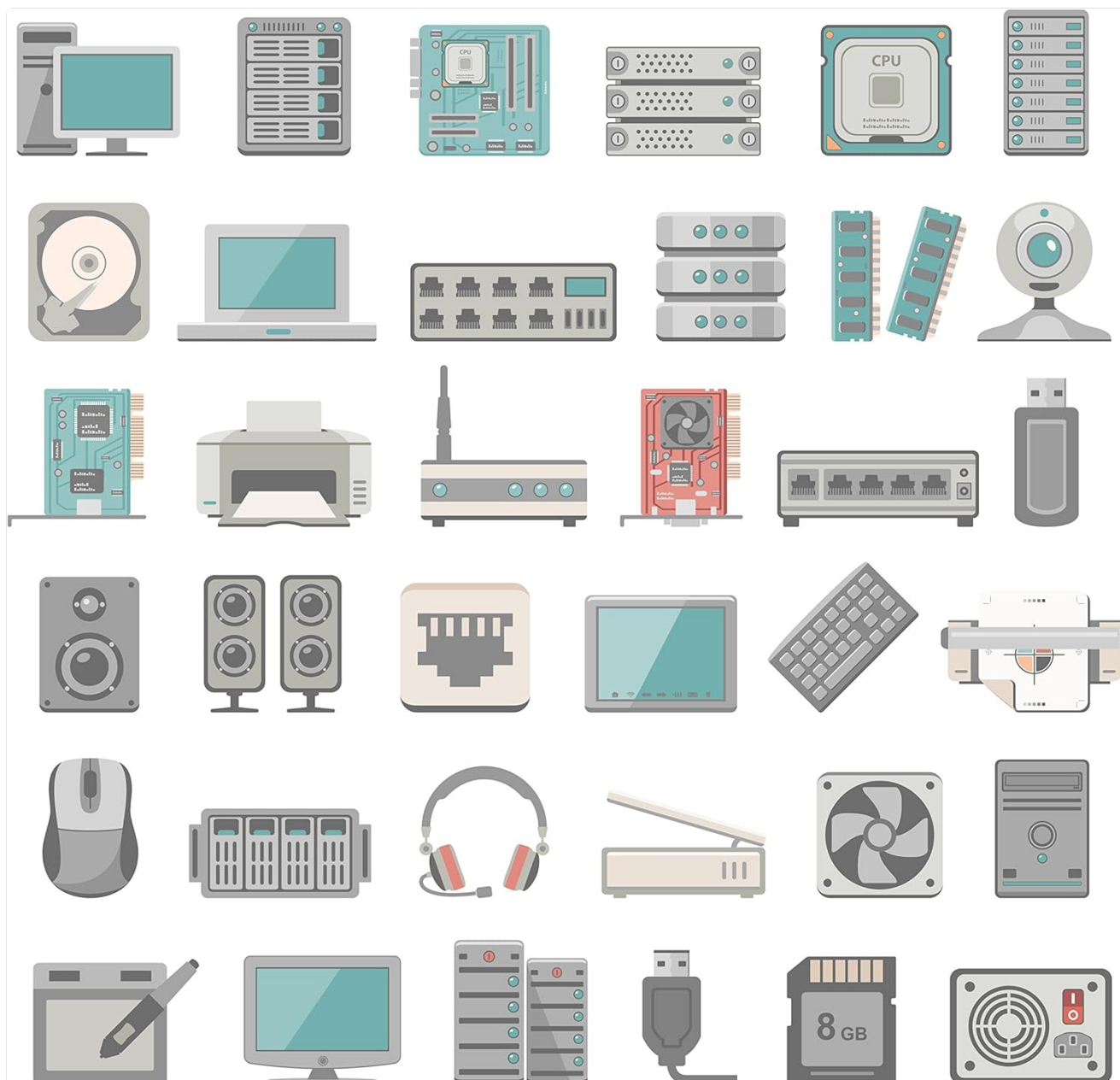
### 1. Unpacking and Inspection

Carefully remove the KVM tray from its packaging. Inspect the unit for any signs of physical damage that may have occurred during transit. Ensure all accessories listed in the "Package Contents" section are present.

### 2. Rack Mounting

The ServView V KVM Tray is designed for installation in a standard 19-inch server rack. Use the provided rackmount kit to secure the unit. The dual-rail design allows the display and keyboard/touchpad to slide independently.

1. Attach the mounting rails to the sides of the KVM tray using the screws provided.
2. Align the rails with the rack posts and secure them using the appropriate rack screws.
3. Ensure the tray slides smoothly in and out of the rack.

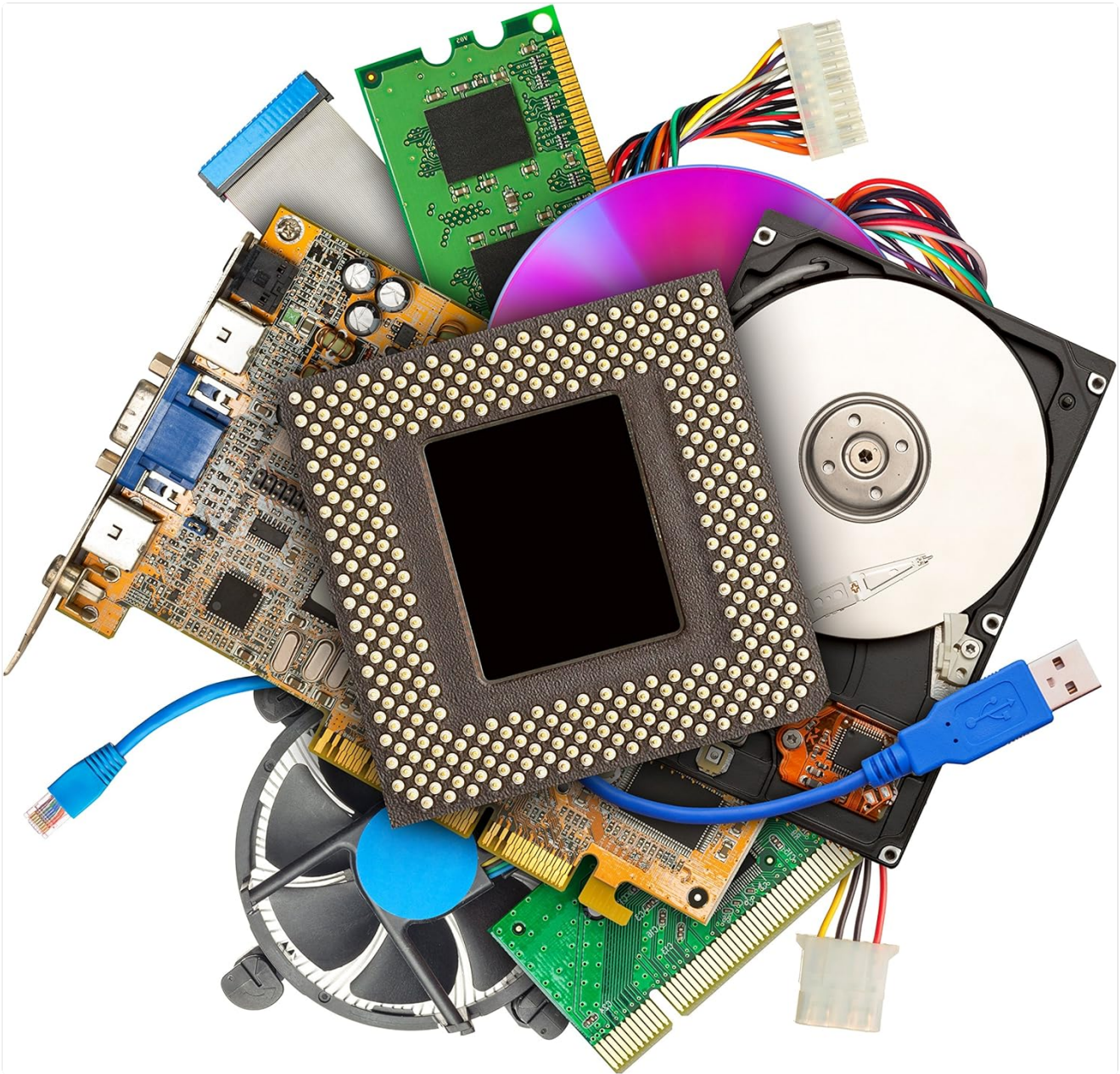


**Figure 1:** The Black Box ServView V KVM Tray, model KVT517A-1UV-R2, shown in a rackmount setup. This image illustrates the compact design suitable for server environments.

### 3. Connecting Peripherals

Connect your server or computer to the KVM tray using the appropriate cables.

- **Video Connection:** Connect a DVI or VGA cable from your server's video output to the corresponding input port on the KVM tray.
- **Keyboard/Mouse Connection:** Connect a USB cable or PS/2 cables (for keyboard and mouse) from your server to the corresponding input ports on the KVM tray.



**Figure 2:** A detailed view of the rear panel of the Black Box ServView V KVM Tray, highlighting the various connection ports for video (DVI/VGA) and peripherals (USB/PS/2).

## 4. Power Connection

Connect the provided power adapter to the KVM tray's power input and then plug it into a suitable AC power outlet.

## OPERATING INSTRUCTIONS

### 1. Powering On

Once all connections are secure, power on the KVM tray using its power switch. Then, power on the connected server(s).

### 2. Basic Operation

The KVM tray provides a direct interface to the connected server. The integrated keyboard, touchpad, and display function as the console for the server.

- **Display:** The 17-inch LCD panel will show the video output from the connected server.
- **Keyboard:** Use the integrated keyboard for text input.

- **Touchpad:** Use the integrated touchpad for mouse cursor control.

### 3. Switching Between Ports (if multi-port model)

*Note: This is a single-port KVM tray. Switching between multiple computers is not applicable for this specific model.*

## MAINTENANCE

### 1. Cleaning

To maintain optimal performance and appearance, periodically clean the KVM tray.

- **Display:** Use a soft, lint-free cloth lightly dampened with a non-abrasive screen cleaner. Do not spray cleaner directly onto the screen.
- **Exterior:** Wipe the exterior surfaces with a soft, dry cloth. Avoid harsh chemicals or abrasive materials.

### 2. Storage

When not in use, ensure the KVM tray is fully retracted into the rack to protect the display and keyboard from dust and physical damage.

## TROUBLESHOOTING

This section addresses common issues you might encounter with your ServView V KVM Tray.

- **No Display:**
  - Ensure the KVM tray is powered on and the power adapter is securely connected.
  - Verify the video cable (DVI or VGA) is securely connected between the server and the KVM tray.
  - Check the server's video output.
- **Keyboard/Mouse Not Responding:**
  - Ensure the USB or PS/2 cables are securely connected between the server and the KVM tray.
  - Try connecting the keyboard/mouse directly to the server to rule out server-side issues.
  - Restart the server.
- **Unit Does Not Power On:**
  - Verify the power adapter is correctly plugged into both the KVM tray and a working power outlet.
  - Check the power switch on the KVM tray.

## SPECIFICATIONS


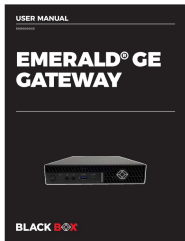
Feature	Detail
Brand	Black Box
Model Number	KVT517A-1UV-R2
Product Dimensions (L x W x H)	17.32 x 27.17 x 1.73 inches
Item Weight	1 pounds





Feature	Detail
Connector Type	USB (also supports PS/2 via cable)
Video Interface	DVI or VGA
International Protection Rating	IP54
Color	Black
UPC	700604206395
Manufacturer	Black Box

## WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the warranty card included with your product or visit the official Black Box website. For technical support, contact Black Box customer service through their official channels.  
**Black Box Official Website:** [www.blackbox.com](http://www.blackbox.com)

## Related Documents - KVT517A-1UV-R2

	<p><a href="#">Black Box Video Adapter Selector Guide</a></p> <p>This guide from Black Box helps users select the appropriate video adapter by matching their source device's output port (DisplayPort, Mini DisplayPort, HDMI, DVI, VGA, USB-C) with the display's input port. It provides a comprehensive table of compatible adapters and cables, including active and passive options, and explains the difference between active and passive DisplayPort adapters for optimal connectivity.</p>
	<p><a href="#">Black Box Emerald GE EMD3000GE User Manual: KVM Gateway Setup and Operation</a></p> <p>User manual for the Black Box Emerald GE EMD3000GE KVM Gateway. Covers specifications, overview, configuration, operation, safety notices, and regulatory information for high-performance KVM extension over IP.</p>

	<p><a href="#">Black Box LGC Series Miniature Media Converter 10/100/1000 Switching - Ethernet to Fiber Optic</a></p> <p>Comprehensive guide to the Black Box LGC Series Miniature Media Converter (10/100/1000 Mbps). Covers specifications, part numbers, installation, operation, LED indicators, cleaning, ESD precautions, regulatory compliance, and contact information for connecting Ethernet copper ports to fiber optic cables.</p>
	<p><a href="#">Black Box Boxilla KVM Manager BXAMGR-R2 User Manual</a></p> <p>User manual for the Black Box Boxilla KVM Manager (BXAMGR-R2), detailing installation, configuration, device management, and system operations for KVM and AV systems.</p>
	<p><a href="#">Black Box AVX-DVI-FO-MINI Series: DVI-D and Stereo Audio over Fiber Extender Kit - User Manual</a></p> <p>Comprehensive user manual for the Black Box AVX-DVI-FO-MINI series of DVI-D and stereo audio over fiber extenders. Covers specifications, features, hardware description, system configurations, installation, troubleshooting, and regulatory information for extending video and audio signals up to 1.5 km.</p>
	<p><a href="#">Black Box Freedom II KVM Switch User Guide</a></p> <p>Comprehensive user guide for Black Box Freedom II KVM switches (KV0004A-R2, KV0008A-R2). Learn about installation, configuration, features like Glide and Switch, and operation for managing multiple computers efficiently.</p>