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Free NetCommander-AXS Management Software is available for access and control of all of your Tripp Lite NetCommander IP KVM switches (B070 and B072 series). From a single interface, you can access server ports on any of your KVM switches, power cycle or power on/off outlets of IP PDU's, and manage KVM settings. This software can be found on the model support page of the B072-032-IP2, or via searching NetCommander-AXS on [www.tripplite.com](http://www.tripplite.com)

## NetCommander 32-Port Cat5 1U Rack-Mount 2+1 User VGA USB KVM Switch with IP Remote Access

MODEL NUMBER: **B072-032-IP2**



Control up to 32 computers from virtually anywhere with one Cat5 KVM switch. This KVM switch with IP remote access is a smart solution for efficient server control. Low-cost Cat5 cables let you locate servers up to 100 ft. away.

### Description

Tripp Lite's B072-032-IP2 KVM Switch is the optimal solution for controlling up to 32 computers/servers locally, from across the room, down the street or around the globe on a network or the Internet.

This KVM switch can be accessed and controlled remotely, so there's no need to travel to the server room or network closet. A Java-based application allows access via web browser from any secure IP connection; a non-browser client that can bypass browser-related Java Security prompts is available.

The B072-032-IP2 uses inexpensive, user-supplied Cat5e/6/6a cabling with Server Interface Units (sold separately) so you can connect computers/servers located up to 100 ft. away from the switch. This switch features dual Ethernet ports and dual power supplies; if one fails, the other takes over, keeping access uninterrupted. Switch easily between the 32 ports using an on-screen display (OSD), hotkey commands or a remote toolbar. Multi-level password protection prohibits unauthorized users from accessing connected computers, and a local user and up to two remote users can each log on and access different ports simultaneously.

Two serial ports allow control of serial-manageable devices such as IP PDUs, firewalls and routers;

### Highlights

- 32 ports provide control of computers/servers locally or via your network or the Internet
- Occupies just 1U of rack space
- Low-cost Cat5 cabling allows longer distances, reduces cable clutter
- Simultaneous support for 3 users – 1 local, 2 remote
- Dual Ethernet ports and power supplies assure uninterrupted remote access
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

### System Requirements

- Computer with HD15 (VGA) port, and USB port or PS/2 keyboard/mouse ports
- User-supplied Cat5e/6/6a cabling
- B078-101-USB-1 or B078-101-USB2 (USB) or B078-101-PS2 (PS/2) Server Interface Unit is required for each connected computer/server
- For computers with Displayport or HDMI, change to VGA using Tripp Lite adapters P134-06N-VGA-V2 or P131-06N. Maximum video resolutions using adapters may vary.
- Compatible with Windows and Linux operating systems
- Currently not compatible with HP Gen 10 Servers
- Remote access supported using



individual ports can be assigned to an IP PDU port to power on/off the server connected to that port. This KVM switch is compatible with Windows and Linux operating systems, and provides remote access using a Windows computer. It supports VGA video resolutions up to 1920 x 1080 @ 60 Hz. Heavy-duty steel housing stands up to frequent use.

Virtual Media allows an .iso file to be mounted to a target server and accessed as if it were stored directly on it. Virtual Media data transfer rates up to 12Mbps are supported when using a B078-101-USB2 Server Interface Unit. Other features include RADIUS and LDAP/S authentication, system-sent SNMP messaging and an event log that tracks logins, reboots and network setting changes.

Free NetCommander-AXS Management Software is available to access and control all of your Tripp Lite NetCommander IP KVM switches (B070 and B072 series). From a single interface, you can access server ports on any of your KVM switches, power cycle or power on/off outlets of IP PDUs and manage KVM settings. This software can be downloaded free of charge from the model support page for the B072-032-IP2. Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

## Features

### Saves Space and Money

- Mounts in a standard 19 in. rack
- Inexpensive Cat5e/6/6a cabling lets you locate servers up to 100 ft. from the switch
- Use a Server Interface Unit, B078-101-USB-1 (for USB) or B078-101-PS2 (for PS/2) with each server to be connected with Cat5 cable; use a B078-101-USB2 to support Virtual Media data transfer rates up to 12Mbps
- To convert DisplayPort or HDMI computers to VGA, use Tripp Lite adapters P134-06N-VGA-V2 or P131-06N. Maximum video resolutions using adapters may vary.

### IP Remote Access for Fewer Trips to the Server Room

- Remote access means there's no need to travel to the server room or network closet
- Java-based application allows Windows computers to control a target server via web browser from any location over a secured IP connection
- A non-browser client is available that allows Windows computers to remotely access the KVM without the need for a browser and without the need to install Java
- 1 local + 2 remote users can access different ports concurrently; up to 5 users can share a single remote session
- Supports both IPv4 and IPv6

### Simplifies IT Tasks

- On-screen display, hot keys and remote toolbar for easy use
- Free NetCommander-AXS Management Software gives you remote access and control over all your Tripp Lite NetCommander IP KVM switches (B070 and B072 series)
- Video resolutions up to 1920 x 1080 @ 60 Hz are supported
- 2 serial ports allow control of serial-manageable devices such as IP PDUs, firewalls and routers; assign individual ports to an IP PDU port to power on/off the server connected to that port
- BIOS-level control of any brand and model server, regardless of the server's condition and network

Windows computers

- Remote console computers require minimum Pentium 4 with 2 GB memory

### Package Includes

- B072-032-IP2 32-Port Cat5 2+1 User 1U Rack-Mount KVM Switch with Remote IP Access
- C13 to 5-15P Power Cords (x2)
- Rack-Mount Hardware
- CD with Owner's Manual
- Quick Start Guide



connectivity

- Virtual Media allows an .iso file to be mounted to a target server and accessed as if it were directly stored on it
- Virtual Media data transfer rates up to 12Mbps are supported when using a B078-101-USB2 Server Interface Unit; a B078-101-USB-1 Server Interface Unit can be used for Virtual Media support, but only at speeds up to 1Mbps
- Fast Virtual Media KVM System patented under Pat. No. US 9,417,720
- System-sent messages to SNMP server notify you of network failures
- Supports RADIUS and LDAP/S authentication
- Log tracks events such as logins, reboots and network setting changes on your installation

#### Advanced Security Features

- Multi-level password protection: create administrator accounts with full access and user accounts with limited access
- Supports TLS 1.2 security protocol
- You can install SSL certificates to ensure secure transactions between web servers and browsers

#### Built to Last

- Flash-upgradable firmware over the network
- Heavy-duty steel housing stands up to frequent use

#### TAA Compliant

- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

## Specifications

| OVERVIEW                          |   |
|-----------------------------------|---|
| UPC Code                          | 037332177261  |
| Users                             | 3   |
| Technology                        | Cat5/5e; PS/2; Serial (RS232); USB (all versions); VGA/SVGA |
| INPUT                             |   |
| Voltage Compatibility (VAC)       | 100; 110; 120; 127; 200; 208; 220; 230; 240                 |
| Input Frequency                   | 50/60HZ   |
| Input Current                     | 120V (0.7A) / 230V (0.3A)                                   |
| Power Input Receptacle            | IEC-320-C14   |
| Redundancy - Dual Power Inputs    | Yes   |
| USER INTERFACE, ALERTS & CONTROLS |   |
| LED Indicators                    | Blue (Power)  |



| <b>PHYSICAL</b>                       |  |
|---------------------------------------|--|
| Shipping Dimensions (hwd / in.)       | 4.300 x 14.400 x 23.000                            |
| Shipping Dimensions (hwd / cm)        | 10.92 x 36.58 x 58.42                              |
| Shipping Weight (lbs.)                | 10.1000  |
| Shipping Weight (kg)                  | 4.58   |
| Unit Packaging Type                   | Box  |
| Unit Dimensions (hwd / in.)           | 1.7 x 17.3 x 11                                    |
| Unit Weight (lbs.)                    | 7.70   |
| Unit Weight (kg)                      | 3.49   |
| Material of Construction              | SECC (Steel, Electrogalvanized, Cold rolled, Coil) |
| Color                                 | Black  |
| Rackmountable                         | Yes  |
| <b>ENVIRONMENTAL</b>                  |  |
| Operating Temperature Range           | 32 to 104 F (0 to 40 C)                            |
| Storage Temperature Range             | -40 to 158 F (-40 to 70 C)                         |
| Relative Humidity                     | 0% to 80% RH, Non-Condensing                       |
| BTUs                                  | 171 BTU/Hr   |
| Power Consumption (Watts)             | 50   |
| <b>COMMUNICATIONS</b>                 |  |
| IP Remote Access                      | Yes  |
| Network Speed                         | 10/100 Mbps  |
| <b>CONNECTIONS</b>                    |  |
| Ports                                 | 32   |
| PC/Server Connections                 | PS/2; USB; VGA                                     |
| Side A - Connector 1                  | (3) USB A (FEMALE)                                 |
| Side A - Connector 2                  | HD15 (FEMALE)                                      |
| Side A - Connector 3                  | (4) RJ45 (FEMALE)                                  |
| Side B - Connector 1                  | (32) RJ45 (FEMALE)                                 |
| Computer Keyboard and Mouse Interface | PS/2; USB  |
| Computer Monitor Interface            | VGA  |
| Console Keyboard and Mouse Interface  | USB  |
| Console Monitor Interface             | VGA  |



| <b>PORT EXPANSION</b>                |   |
|--------------------------------------|---|
| Max Number of Ports (Entire Chain)   | 32  |
| <b>FEATURES &amp; SPECIFICATIONS</b> |   |
| On-Screen Display (OSD)              | Yes   |
| Port Selection                       | Hotkey; OSD   |
| Max Supported Video Resolution       | Local : 1920 x 1200 @ 60 Hz ; Remote : 1920 x 1080 @ 60 Hz                                      |
| USB Specification                    | USB 2.0 (up to 480 Mbps)  |
| Driver Required                      | No  |
| Authentication Supported             | RADIUS; LDAPS   |
| Recommended Category Cable           | Cat5e/6 Cables  |
| <b>CERTIFICATIONS</b>                |   |
| Certifications                       | Tested to UL 60950-1 (USA), CAN/CSA (Canada), FCC Part 15 Class A, CE, IEC 60950-1, RoHS, REACH |
| <b>WARRANTY</b>                      |   |
| Product Warranty Period (Worldwide)  | 3-year limited warranty   |
| <b>(ENG) Remote Access</b>           |   |
| Virtual Media Speed                  | Up to 12 Mbps (using B078-101-USB2)   |

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