

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 B072-016-1-IP, or via searching NetCommander-AXS on [www.tripplite.com](http://www.tripplite.com)

## NetCommander 16-Port Cat5 1U Rack-Mount 1+1 User VGA USB KVM Switch with IP Remote Access

MODEL NUMBER: **B072-016-1-IP**



Control up to 16 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 B072-016-1-IP KVM Switch is the optimal solution for controlling up to 16 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 B072-016-1-IP 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; if one fails, the other takes over, keeping remote access uninterrupted. Users can switch easily between the 16 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 a remote user 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; individual ports can be assigned to an IP PDU port to power on/off the server connected to that port. This

### Highlights

- 16-port KVM switch provides 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 2 users – 1 local, 1 remote
- Dual Ethernet ports 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 (USB), B078-101-USB2 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



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.

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## 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

- Control this KVM switch over IP: 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 + 1 remote user 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

Windows computers

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

### Hardware Versions

A new hardware version (v2) of the B072-016-1-IP was released in 2014, requiring different firmware from the previous version (v1). The Support tab of this page includes a zip folder for v1. Along with the applicable firmware, it contains an FW Notes file to help you determine which hardware version you have and which firmware to use. The current firmware comes pre-installed on all v2 models.

### Package Includes

- 16-Port Cat5 1+1 User 1U Rack-Mount VGA USB KVM Switch with IP Remote Access
- C13 to 5-15P Power Cord
- Rack-Mount Hardware
- CD with Owner's Manual
- Quick Start Guide



- BIOS-level control of any brand and model server, regardless of the server's condition and network 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

<b>OVERVIEW</b>	
UPC Code	037332141606
Users	2
Technology	Cat5/5e; PS/2; Serial (RS232); USB (all versions); VGA/SVGA
<b>INPUT</b>	
Voltage Compatibility (VAC)	100; 110; 120; 127; 200; 208; 220; 230; 240
Input Frequency	50/60Hz
Input Current	120V (1.2A) / 230V (0.7A)
Power Input Receptacle	IEC-320-C14
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
LED Indicators	Blue (Power)



<b>PHYSICAL</b>	
Shipping Dimensions (hwd / in.)	4.300 x 10.100 x 22.800
Shipping Dimensions (hwd / cm)	10.92 x 25.65 x 57.91
Shipping Weight (lbs.)	6.6000
Shipping Weight (kg)	2.99
Unit Packaging Type	Box
Unit Dimensions (hwd / in.)	1.7 x 6.7 x 17.3
Unit Weight (lbs.)	4.70
Unit Weight (kg)	2.13
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	16
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	(16) 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>FEATURES &amp; SPECIFICATIONS</b>	
On-Screen Display (OSD)	Yes
Port Selection	Hotkey; OSD; Remote Selector
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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