

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

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

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



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 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.

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



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
- 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

Windows computers

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

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



- 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

| MODEL TEXT | |
|-----------------------------------|--|
| What Does This Product Do? | 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. |
| OVERVIEW | |
| Users | 2 |
| INPUT | |
| 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 |
| USER INTERFACE, ALERTS & CONTROLS | |
| LED Indicators | Blue (Power) |
| PHYSICAL | |
| 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 |
| ENVIRONMENTAL | |
| 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 |
| COMMUNICATIONS | |
| IP Remote Access | Yes |
| Network Speed | 10/100 Mbps |
| CONNECTIONS | |
| 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 |
| SPECIAL FEATURES | |
| Cat5 KVM Switch | Yes |



| FEATURES & SPECIFICATIONS | |
|--------------------------------------|---|
| 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 |
| CERTIFICATIONS | |
| Certifications | Tested to UL 60950-1 (USA), CAN/CSA (Canada), FCC Part 15 Class A, CE, IEC 60950-1, RoHS, REACH |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 3-year limited warranty |
| (ENG) Remote Access | |
| Virtual Media Speed | Up to 12 Mbps (using B078-101-USB2) |

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