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 adapters P134-06N-VGA-V2 or P131-06N. Maximum video resolutions using adapters may vary.
- Compatible with Windows and Linux operating systems
- Remote access supported using Windows computers
- Remote console computers require minimum Pentium 4 with 2 GB memory

Management Software

Free NetCommander-AXS Management Software is available for access and control of all of your 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 found on the model support page of the B072-016-1-IP, or via searching NetCommander-AXS on https://tripplite.eaton.com

NetCommander 16-Port Cat5 KVM over IP Switch - 1 Remote + 1 Local User, 1U Rack-Mount

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

The 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 feet 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 at 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 12 Mbps 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 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

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.

KVM settings. This software can be downloaded free of charge from the model support page for the B072-016-1-IP. 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 12 Mbps

- To convert DisplayPort or HDMI computers to VGA, use 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 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

- Virtual Media data transfer rates up to 12 Mbps 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

TRIPP·LITE by **EAT·N**

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

Specifications

OVERVIEW	
UPC Code	037332141606
Max CPU	16
Technology	Cat5/5e; PS/2; VGA/SVGA

VIDEO	
Max Supported Video Resolution	Local : 1920 x 1200 @60 Hz ; Remote : 1920 x 1080 @60 Hz
Max. Distance (Between any 2 Units)	16ft (5m)
Extended Mode	No
Mirror Mode	No

INPUT	
AC Power Adapter Plug(s)	NEMA 5-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 0.7A
AC Power Adapter Cord Length (ft.)	6
AC Power Adapter Cord Length (m)	1.8
Nominal Input Voltage(s) Supported	100V AC; 110V AC; 120V AC; 127V AC; 200V AC; 208V AC; 220V AC; 230V AC; 240V AC
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

POWER	
Power Source Type	Power Cord
Power Consumption (Watts)	50.00

USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Blue (Power)

PHYSICAL	
Color	Black
Material of Construction	Steel (Steel, Electrogalvanized, Cold Rolled, Coil)

Housing Color	Black
Total Number of Ports	16
Rackmountable	Yes
Shipping Dimensions (hwd / in.)	4.30 x 10.10 x 22.80
Shipping Dimensions (hwd / cm)	10.92 x 25.65 x 57.91
Shipping Weight (lbs.)	6.60
Shipping Weight (kg)	2.99
Unit Dimensions (hwd / in.)	1.720 x 19.000 x 6.680
Unit Packaging Type	Box
Unit Weight (lbs.)	4.70
Unit Weight (kg)	2.13

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
Operating Temperature	32° to 104°F (0° to 40°C)
BTUs	171 BTU/Hr

COMMUNICATIONS

Hotkey	Yes
Port Control	Hotkeys, OSD, Remote Toolbar
IP Remote Access	Yes
Network Compatibility	100 Mbps (Fast Ethernet)

CONNECTIONS

Number of Ports	16
Computer/Server Ports	PS/2; USB; VGA
Daisy-Chain Port	No
Firmware Upgrade Port	No
PC/Server Connections	PS/2; USB; VGA
Side A - Connector 1	(16) RJ45 (FEMALE)
Side B - Connector 1	(1) HD15 (FEMALE)
Side B - Connector 2	(4) RJ45 (FEMALE)
Side B - Connector 3	(2) USB A (FEMALE)
Computer Keyboard and Mouse Interface	PS/2; USB

Computer Monitor Interface	VGA
Console Keyboard and Mouse Interface	USB
Console Monitor Interface	VGA

PORT EXPANSION

Daisy-chainable or Cascadable	Daisy-chainable

FEATURES & SPECIFICATIONS

USB Specification	USB 2.0 (up to 480 Mbps)
NIAP-Certified Secure	No
Number of Users	2
On-Screen Display (OSD)	Yes
Port Selection	Hotkey; OSD; Remote Selector
Driver Required	No
Authentication Supported	RADIUS; LDAPS
Recommended Category Cable	Cat5e/6 Cables

REMOTE ACCESS

Virtual Media Speed	Up to 12 Mbps (using B078-101-USB2)

STANDARDS & COMPLIANCE

External Power Supply Certifications	FCC; cUL
Product Certifications	CAN/CSA C22.2; CAN/CSA-C22.2 No. 60950-1 (Canada); UL 60950-1
Product Compliance	RoHS; CE (Europe); REACH; FCC Part 15 Class A (USA); Trade Agreements Act (TAA)

WARRANTY & SUPPORT

Product Warranty Period (Worldwide)	3-year limited warranty