

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-IP2, or via searching NetCommander-AXS on <https://tripplite.eaton.com>

NetCommander 16-Port Cat5 KVM over IP Switch - 2 Remote + 1 Local User, 1U Rack-Mount

MODEL NUMBER: B072-016-IP2



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-IP2 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-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 feet 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 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 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. 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.

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Highlights

- 16 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 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

Package Includes

- B072-016-IP2 16-Port Cat5 2+1 User 1U Rack-Mount KVM Switch with IP Remote Access
- C13 to 5-15P Power Cords (x2)
- Rack-Mount Hardware
- CD with Owner's Manual
- Quick Start Guide

KVM settings. This software can be downloaded free of charge from the model support page for the B072-016-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 or B078-101-USB2 (for USB) or B078-101-PS2 (for PS/2) with each server that will be connected with Cat5 cable
- 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

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

Specifications

OVERVIEW	
UPC Code	037332177278
Technology	Cat5/5e; PS/2; VGA/SVGA
VIDEO	
Max Supported Video Resolution	Local : 1920 x 1200 @60Hz ; Remote : 1920 x 1080 @60Hz
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
POWER	
Power Consumption (Watts)	50
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Blue (Power)
PHYSICAL	
Color	Black
Material of Construction	Steel (Steel, Electrogalvanized, Cold Rolled, Coil)
Rackmountable	Yes
Shipping Dimensions (hwd / in.)	4.30 x 13.90 x 23.00
Shipping Dimensions (hwd / cm)	10.92 x 35.31 x 58.42
Shipping Weight (lbs.)	10.00
Shipping Weight (kg)	4.54
Unit Dimensions (hwd / in.)	1.710 x 17.280 x 10.990
Unit Packaging Type	Box
Unit Weight (lbs.)	7.50
Unit Weight (kg)	3.40
ENVIRONMENTAL	
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	
IP Remote Access	Yes
Network Compatibility	100 Mbps (Fast Ethernet)
CONNECTIONS	
Number of Ports	16
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
FEATURES & SPECIFICATIONS	
USB Specification	USB 2.0 (up to 480 Mbps)
NIAP-Certified Secure	No
Number of Users	3
On-Screen Display (OSD)	Yes
Port Selection	Hotkey; OSD
Driver Required	No
Authentication Supported	RADIUS; LDAPS
Recommended Category Cable	Cat5e/6/6a Cables
REMOTE ACCESS	
Virtual Media Speed	Up to 12 Mbps (using B078-101-USB2)
STANDARDS & COMPLIANCE	
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
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