

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 B070-016-19-IP, or via searching NetCommander-AXS on www.tripplite.com

NetCommander 16-Port Cat5 1U Rack-Mount 1+1 User Console KVM Switch with 19-in. LCD and IP Remote Access

MODEL NUMBER: **B070-016-19-IP**



Description

Tripp Lite's **B070-016-19-IP** KVM Switch gives you a rack-mountable full keyboard, LCD and touchpad in a single console that occupies only 1U of rack space. Easy to install and use, it's the optimal solution for controlling up to 16 computers/servers locally, from across the room, down the street or halfway around the globe on a LAN, WAN or Internet.

The **B070-016-19-IP** uses inexpensive, user-supplied Cat5e/6/6a cabling with Server Interface Units so you can control computers/servers located up to 100 ft. away from the switch. This switch features two 10/100 Mbps LAN ports, so 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). Multi-level password protection prohibits unauthorized users from accessing the connected computers, and a local user and a remote user can be logged on simultaneously. The built-in 19" LCD screen supports video resolutions up to 1366 x 768.

Two serial ports allow control of serial-manageable devices such as IP PDUs, firewalls and routers; you can assign individual ports to an IP PDU port to power on/off the server connected to that port. The **B070-016-19-IP** stores neatly in a rack drawer and pulls out when needed. This KVM console is compatible with both Windows and Linux operating systems. Heavy-duty steel housing stands up to frequent use. Complies with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

Highlights

- Control computers/servers locally or via LAN, WAN or Internet
- Occupies just 1U of space in a rack-mountable drawer
- Low-cost Cat5 cabling allows longer distances, reduces cable clutter
- 19" LCD screen supports video resolutions up to 1366 x 768
- Simultaneous support for 2 users – 1 local, 1 remote
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases
- Free Management Software available to Access and Control all of your Tripp Lite NetCommander IP KVM's (B070 and B072 IP series) from a single interface
- Fast Virtual Media KVM System patented under Pat. No. US 9,417,720

System Requirements

- Computer with HD15 port, and USB port or PS/2 keyboard/mouse ports
- User-supplied Cat 5e/6/6a cabling
- B078-101-USB-1 (USB) or B078-101-USB2 (USB) Server Interface Unit is required for each connected computer/server; the B078-101-



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Features

Saves Space and Money

- Combines 16-port KVM switch, 19" LCD screen, keyboard and touchpad in a single 1U rack-mountable drawer
- Mounts into 19"-wide rack, 27"-42" deep; to mount in a 2-post rack, use Tripp Lite's [B019-000](#)
- 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) with each server that will be connected with Cat5 cable

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 access via web browser; non-browser client that can bypass browser-related Java Security prompts is available
- 1 local + 1 remote user can access different ports concurrently; up to 5 users can share a single session
- Supports both IPv4 and IPv6
- Free Management Software available to Access and Control all of your Tripp Lite NetCommander IP KVM's (B070 and B072 IP series) from a single interface

Simplifies IT Tasks

- On-screen display, hot keys and remote toolbar for easy use
- 2 serial ports allow control of serial-manageable devices such as IP PDUs, firewalls and routers
- Add IP PDUs as devices that can be controlled by the KVM; assign individual ports to an IP PDU port to power on/off the server connected to that port
- Virtual Media allows a .iso file to be mounted to a target server and accessed as if it were directly stored on it
- Fast Virtual Media KVM System patented under Pat. No. US 9,417,720
- System-sent messages to SNMP server notify you of LAN failures
- Supports RADIUS and LDAP/S authentication
- Log tracks events on your installation

Large 19" LCD

- Supports video resolutions up to 1366 x 768; 1920 x 1080 remotely
- DDC emulation allows for optimal output to LCD

USB2 is required for Fast Virtual Media speeds up to 12Mbps; the B078-101-USB-1 can be used for Virtual Media, but only at speeds up to 1Mbps

- Compatible with Windows and Linux operating systems
- Remote console computers require minimum Pentium 4 with 2 GB memory
- Hardware versions: A new hardware version (v2) of the B070-016-19-IP was released in 2014, and it requires different firmware than was used in the previous version (v1). In the Support tab on this web page you will find a zip folder for the v1 KVM. In addition to including the applicable firmware, it contains a FW Notes file that will tell you how to determine which hardware version you have, and therefore, which firmware you need to use. If you have a v2 KVM, the latest firmware is that which came pre-installed on the KVM.
- Power consumption: 120V, 60Hz, 30W

Package Includes

- [B070-016-19-IP](#) 1U rackmount console KVM switch with 19" LCD
- C13 to 5-15P power cord
- Rackmount hardware



Advanced Security Features

- Multi-level password protection: create administrator accounts with full access and user accounts with limited access
- 128-bit AES and HTTPS encryption for highest security standards
- You can install SSL certificates to ensure secure transactions between web servers and browsers

Long-Lasting Reliability

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

TAA Compliant

- Complies with the Federal Trade Agreements Act for GSA Schedule purchases

- CD with owner's manual
- Quick start guide

Specifications

MODEL TEXT	
Key Benefit	Control up to 16 computers from virtually anywhere with one Cat5 KVM switch with integrated console. 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
Console	1
INPUT	
Nominal Input Voltage(s) Supported	100V AC; 110V AC; 115V AC; 120V AC; 127V AC; 140V AC; 200V AC; 208V AC; 220V AC; 230V AC; 240V AC
Electrical Consumption	(Line Mode) 30W / (Standby Mode) 5W
Nominal Input Voltage Description	Internal Switching 100-240 VAC 50/60Hz
Input Frequency	50/60Hz
Input Current	120V (1.2A) / 230V (0.7A)
PHYSICAL	
Unit Dimensions (hwd / in.)	1.71 x 17.36 x 28.43
Unit Dimensions (hwd / cm)	4.34 x 44.1 x 72.21
Unit Weight (lbs.)	28.78
Unit Weight (kg)	13.05



Color	Black
LCD Monitor (in.)	19
LCD Monitor (cm)	48.26
ENVIRONMENTAL	
Storage Temperature Range	-20 to 60 C (-4 to 140 F)
Relative Humidity	0 to 80% RH, Non-Condensing
Operating Temperature	0 to 40 C (32 to 104 F)
BTUs	(Line Mode) 102 BTU/Hr / (Standby Mode) 17.06 BTU/Hr
COMMUNICATIONS	
Port Control	Hotkeys, OSD, Remote Toolbar
IP Remote Access	1
CONNECTIONS	
Ports	16
PC/Server Connections	VGA; USB; PS/2
SPECIAL FEATURES	
Cat5 KVM Switch	1
FEATURES & SPECIFICATIONS	
Autoscan (Y,N)	N
CERTIFICATIONS	
Certifications	UL 60950-1 (USA), CAN/CSA (Canada), FCC Part 15 Class A, CE, IEC 60950-1
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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