

## 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.

### 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) or [OSU51078](#)(for PS/2) with each server that will be

### 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

### 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), [B078-101-USB2](#)(USB) or [OSU51078](#)(PS/2) Server Interface Unit is required for each connected computer/server; the [B078-101-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



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

**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
- 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

**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

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
- CD with owner's manual
- Quick start guide

## Specifications

OVERVIEW	
Users	2
Console	Yes
INPUT	
Electrical Consumption	(Line Mode) 30W / (Standby Mode) 5W



Nominal Input Voltage Description	Internal Switching 100-240 VAC 50/60Hz
<b>PHYSICAL</b>	
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
<b>ENVIRONMENTAL</b>	
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
<b>COMMUNICATIONS</b>	
Port Control	Hotkeys, OSD, Remote Toolbar
IP Remote Access	Yes
<b>CONNECTIONS</b>	
Ports	16
PC/Server Connections	VGA; USB; PS/2
<b>SPECIAL FEATURES</b>	
Cat5 KVM Switch	Yes
<b>FEATURES &amp; SPECIFICATIONS</b>	
Autoscan (Y,N)	N
<b>CERTIFICATIONS</b>	
Certifications	UL 60950-1 (USA), CAN/CSA (Canada), FCC Part 15 Class A, CE, IEC 60950-1
NIAP-Certified Secure	No
<b>WARRANTY</b>	



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Product Warranty Period (Worldwide)	1-year limited warranty
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