

For best results, STP (Shielded Twisted Pair) Cat5e or higher cabling is recommended like Tripp Lite's N105-Series, N125-Series or N262-Series. Free NetCommander-AXS management software is available to access and control all NetCommander IP KVM switches (B070 and B072 Series). Download is available by clicking the Technical Support link in right-hand column.

## NetCommander 16-Port Cat5 KVM over IP Switch - 19 in. LCD, 2 Remote + 1 Local User, 1U Rack-Mount

MODEL NUMBER: **B070-016-19-IP2**



1U KVM switch connects up to 16 computers and/or servers and allows up to 3 users to control them simultaneously. Recommended for IT professionals who need convenient remote and rack-side access to data center components.

### Description

Tripp Lite's B070-016-19-IP2 NetCommander® 16-Port Cat5 1U Rack-Mount Console KVM Switch includes a full keyboard, 19-inch LCD screen and touchpad in a 1U rack-mount console. It connects up to 16 computers and/or servers and allows you to control them locally or remotely via LAN, WAN or web browser.

Connect computers/servers up to 100-ft. (30.5 m) away using Cat5e/6 cabling and a compatible Tripp Lite B078-Series server interface unit (B078-101-USB2 required for Fast Virtual Media speeds up to 12 Mbps). Dual 10/100 LAN ports ensure uninterrupted remote access in case one port should fail. A local user and two remote users can log on simultaneously and switch between the 16 ports using an on-screen display, hotkeys or remote toolbar. Multi-level password protection prohibits unauthorized access.

The LCD supports video resolutions up to 1366 x 768. Dual serial ports allow control of serial 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 heavy-duty steel housing slides neatly into the rack when not in use.

Free NetCommander-AXS management software is available to access and control 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 PDUs, and manage KVM settings. This software can be found at the Technical Support link in the right-hand column.

### Features

#### Includes 16-Port KVM Switch, 19 in. LCD, Keyboard and Touchpad

- Mounts in 1U of space in EIA-standard 19 in. rack
- Connects up to 16 computers/servers up to 100-ft. (30.5 m) away via Cat5e/6 cabling and Tripp Lite B078 Series SIUs
- To convert DisplayPort or HDMI computers to VGA, use Tripp Lite adapters P134-06N-VGA-V2 or

### Highlights

- 19 in. LCD supports video resolutions up to 1366 x 768
- Cat5e/6 cabling connects computers/servers up to 100-ft. (30.5 m) away
- Simultaneous support for 3 users—1 local, 2 remote
- Supports IPv4 and IPv6
- Mounts in 1U of space in EIA-standard 19 in. rack

### System Requirements

- Computer/server with HD15 or USB port and PS/2 keyboard/mouse ports
- B078-Series SIU and Cat5e/6 cabling 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.
- Windows or Linux operating system (Windows required for remote access)
- Remote console computers require minimum Pentium 4 with 2 GB memory
- SCHUKO (P054-006) or BS-1363 (P056-006-10A) power cords required for international use

### Package Includes

- B070-016-19-IP2 NetCommander 16-Port Cat5 1U Rack-Mount Console KVM Switch
- C13 to NEMA 5-15P power cord, 6-ft. (1.83 m)
- Rack-mounting hardware
- Quick Start Guide



P131-06N. Maximum video resolutions using adapters may vary.

- Fast Virtual Media KVM system: U.S. Patent #9,417,720
- BIOS-level control of any server brand and model

#### **IP Remote Access for Fewer Trips to the Server Room**

- 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
- Up to 3 users (1 local, 2 remote) can sign in simultaneously
- Up to 5 users can share a single session
- Supports both IPv4 and IPv6
- Dual 10/100 Mbps LAN ports for uninterrupted remote access in case one port should fail

#### **Simplifies IT Tasks**

- Users can switch between ports via on-screen display, hotkeys or remote toolbar
- Dual RJ45 serial ports for connecting IP devices, such as PDUs, firewalls and routers
- Assign individual ports to an IP PDU port to power on/off the server connected to that port
- Virtual Media allows .iso file to be mounted to target server and accessed directly
- Supports RADIUS and LDAP/S authentication
- Log tracks events on your installation

#### **Large 19 in. LCD Screen**

- 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
- Supports TLS 1.2 security protocol

#### **Free NetCommander-AXS Management Software**

- Access and manage all of your NetCommander IP KVM switches from one interface
- Access server ports on any KVM, power cycle or power on/off outlets of IP PDUs, and manage KVM settings
- Free download available at Technical Support link in right-hand column

#### **TAA-Compliant**

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

## **Specifications**

| OVERVIEW |              |
|----------|--------------|
| UPC Code | 037332177315 |



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|                                      |   |
|--------------------------------------|---|
| Console                              | Yes   |
| Technology                           | Cat5/5e; Cat6; Cat6a; PS/2; VGA/SVGA  |
| <b>INPUT</b>                         |   |
| 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 |
| Nominal Input Voltage Description    | Internal Switching 100-240 VAC 50/60Hz  |
| Input Frequency                      | 50/60Hz   |
| Input Current                        | 120V (1.2A) / 230V (0.7A)   |
| <b>PHYSICAL</b>                      |   |
| Color                                | Black   |
| LCD Monitor (cm)                     | 48,26   |
| LCD Monitor (in.)                    | 19  |
| Shipping Dimensions (hwd / cm)       | 14.99 x 59.18 x 89.15   |
| Shipping Dimensions (hwd / in.)      | 5.90 x 23.30 x 35.10  |
| Shipping Weight (kg)                 | 19.78   |
| Shipping Weight (lbs.)               | 43.60   |
| Unit Dimensions (hwd / in.)          | 1.71 x 18.79 x 27.26  |
| Unit Dimensions (hwd / cm)           | 4,34 x 47,73 x 69,24  |
| Unit Weight (lbs.)                   | 28.46   |
| Unit Weight (kg)                     | 12.91   |
| <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>                   |   |
| Number of Ports                      | 16  |
| PC/Server Connections                | PS/2; USB; VGA  |
| <b>FEATURES &amp; SPECIFICATIONS</b> |   |



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|                                     |   |
|-------------------------------------|---|
| Autoscan (Y,N)                      | N   |
| Number of Users                     | 3   |
| NIAP-Certified Secure               | No  |
| Cat5 KVM Switch                     | Yes   |
| <b>STANDARDS &amp; COMPLIANCE</b>   |   |
| Product Certifications              | CAN/CSA C22.2; CAN/CSA-C22.2 No. 60950-1 (Canada); UL 60950-1 |
| Product Compliance                  | RoHS; CE (Europe); FCC Part 15 Class A (USA)                  |
| <b>WARRANTY</b>                     |   |
| Product Warranty Period (Worldwide) | 1-year limited warranty                                       |

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