

## Recommended Cabling

For best results, STP (Shielded Twisted Pair) Cat5e or higher cabling is recommended like the N105-Series, N125-Series or N262-Series.

## NetCommander 16-Port Cat5 1U Rack-Mount Console KVM Switch with 19-in. LCD, TAA

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



Control up to 16 computers with one Cat5 KVM switch with integrated console. This KVM switch is a smart solution for efficient server control that saves rack space and money. Low-cost Cat5 cabling lets you locate servers up to 100 ft. from switch.

## Description

This B070-016-19 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.

The B070-016-19 uses inexpensive, user-supplied Cat5e/6/6a cabling and a Server Interface Unit so you can control computers/servers located up to 100 feet away from the switch. You can switch easily between the 16 ports using an on-screen display (OSD) or keyboard hotkey commands. Multi-level password protection prohibits unauthorized users from accessing the connected computers. The built-in 19-inch LCD screen supports video resolutions up to 1366 x 768.

The B070-016-19 stores neatly in a rack drawer and pulls out when needed. This KVM console is compatible with all major operating systems. Heavy-duty steel housing stands up to frequent use.

Complies with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

Note: B051-000 remote access IP unit is not compatible with B070-008-19 or B070-016-19 NetCommander® Cat5 1U Rack-Mount Console KVM Switch Series.

## Features

### Saves Space and Money

- Combines 16-port KVM switch, 19" LCD screen, keyboard and touchpad in a 1U rack-mountable drawer – ideal when rack space is at a premium
- Mounts into 19"-wide rack, 27"-42" deep; can be mounted in 2-post rack with B019-000
- Flip-up/fold-down screen keeps console from blocking access to rack equipment when not in use
- Eliminates need to buy costly monitors, keyboards and mice for each computer/server

### Uses inexpensive Cat5e/6/6a Cables

- Low-cost cables lets you locate servers up to 100 ft. from the switch
- Use plug-and-play Server Interface Unit B078-101-USB-1 (for USB) with each server that will be connected with Cat5 cable

## Highlights

- 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 resolution up to 1366 x 768
- Simplifies IT tasks with easy switching between all 16 ports
- Expandable - Cascade a second level of KVM switches to control up to 256 servers from a single station using B072-008-1, B072-008-1A, B072-016-1 and/or B072-016-1A to increase the number of ports.
- TAA compliant for GSA Schedule purchases

## 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) 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 all major operating systems
- Power consumption: 120V, 60Hz, 30W

## Package Includes

- B070-016-19 1U rackmount console KVM switch with 19" LCD
- C13 to 5-15P power cord
- Serial firmware upgrade cable
- Jumper cable to connect KVM console ports to integrated console ports
- Rackmount hardware
- CD with owner's manual



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- 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.

**Simplifies IT Tasks**

- Switch easily between the 16 ports via on-screen display or keyboard hot key commands
- Hot pluggable; add or remove USB computers without having to power down the switch
- Auto-scan mode automatically sequences through all active ports accessible to the user

**Large 19" LCD**

- Extra-wide display makes multitasking easier
- Supports video resolutions up to 1366 x 768
- DDC emulation allows optimal output to the LCD

**Multi-Level Password Security**

- Multi-level password security limits access to authorized users (administrator, supervisor or user)
- Two-level log-out allows manual log-out or automatic log-out after a user-defined period of time has passed

**Expandability and Long-Lasting Reliability**

- Expandable - Cascade a second level of KVM switches to control up to 256 servers from a single station using B072-008-1, B072-008-1A, B072-016-1 and/or B072-016-1A to increase the number of ports.
- Compatible with all major operating systems for easy integration into your existing structure
- Firmware is upgradable with included cable and utility
- Heavy-duty steel housing stands up to frequent use

**TAA Compliant**

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

## Specifications

| OVERVIEW                            |   |
|-------------------------------------|---|
| UPC Code                            | 037332137883                                |
| Console                             | Yes   |
| Max CPU                             | 256   |
| Technology                          | Cat5/5e; PS/2; VGA/SVGA                     |
| VIDEO                               |   |
| Max Supported Video Resolution      | 1366 x 768 @ 60Hz                           |
| Max. Distance (Between any 2 Units) | 100 ft (30.5m)                              |
| Max Number of Ports (Entire Chain)  | 256   |
| INPUT                               |   |
| Voltage Compatibility (VAC)         | 100; 110; 120; 127; 200; 208; 220; 230; 240 |
| Input Frequency                     | 50/60Hz                                     |
| Input Current                       | 120V (1.4A) / 230V (0.8A)                   |



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|  |   |
|--|---|
| Power Input Receptacle                       | IEC-320-C14   |
| <b>OUTPUT</b>                                |   |
| Frequency Compatibility                      | 50 / 60 Hz  |
| <b>POWER</b>                                 |   |
| Power Consumption (Watts)                    | 30  |
| Power Consumption Detail                     | (Line Mode) 30W / (Standby Mode) 5W                 |
| <b>CONNECTIONS</b>                           |   |
| Number of Ports                              | 16  |
| PC/Server Connections                        | PS/2; USB; VGA                                      |
| Side A - Connector 1                         | (2) HD15 (FEMALE)                                   |
| Side A - Connector 2                         | (4) MINI DIN-6 (FEMALE)                             |
| Side A - Connector 3                         | RJ11 (FEMALE)                                       |
| Side B - Connector 1                         | (16) RJ45 (FEMALE)                                  |
| Computer Keyboard and Mouse Interface        | PS/2; USB   |
| Computer Monitor Interface                   | VGA   |
| <b>USER INTERFACE, ALERTS &amp; CONTROLS</b> |   |
| LED Indicators                               | Green (CAPS LOCK, SCROLL LOCK, NUM LOCK)            |
| <b>PHYSICAL</b>                              |   |
| Color  | Black   |
| Material of Construction                     | Steel (Steel, Electrogalvanized, Cold Rolled, Coil) |
| LCD Monitor (in.)                            | 19  |
| Rackmountable                                | Yes   |
| Shipping Dimensions (hwd / in.)              | 6.00 x 23.40 x 32.68                                |
| Shipping Dimensions (hwd / cm)               | 15.24 x 59.44 x 83.01                               |
| Shipping Weight (lbs.)                       | 39.90   |
| Shipping Weight (kg)                         | 18.10   |
| Unit Dimensions (hwd / in.)                  | 1.710 x 17.690 x 28.440                             |
| Unit Packaging Type                          | Box   |
| Unit Weight (lbs.)                           | 31.00   |
| Unit Weight (kg)                             | 14.06   |
| <b>ENVIRONMENTAL</b>                         |   |
| Storage Temperature Range                    | -40° to 158°F (-40° to 70°C)                        |



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|                                      |   |
|--------------------------------------|---|
| Relative Humidity                    | 0-80% non-condensing  |
| Operating Temperature                | 32 to 104 F (0 to 40 C)   |
| BTUs                                 | (Line Mode) 102 BTU/Hr / (Standby Mode) 17.1 BTU/Hr                             |
| <b>COMMUNICATIONS</b>                |   |
| IP Remote Access                     | No  |
| <b>PORT EXPANSION</b>                |   |
| Daisy-chainable or Cascadable        | Cascadeable   |
| <b>FEATURES &amp; SPECIFICATIONS</b> |   |
| NIAP-Certified Secure                | No  |
| Number of Users                      | 1   |
| Autoscan (Y,N)                       | Y   |
| On-Screen Display (OSD)              | Yes   |
| Port Selection                       | Hotkey; OSD   |
| Driver Required                      | No  |
| Autoscan Duration                    | Variable  |
| Recommended Category Cable           | Cat5e/6/6a Cables   |
| <b>BUILT-IN CONSOLE</b>              |   |
| Console Screen Size (inches)         | 19  |
| Console Screen Aspect Ratio          | 16:9  |
| <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); REACH; FCC Part 15 Class A (USA); Trade Agreements Act (TAA) |
| <b>WARRANTY &amp; SUPPORT</b>        |   |
| Product Warranty Period (Worldwide)  | 1-year limited warranty   |

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