

## 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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