

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

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



Description

Tripp Lite's 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 and a Server Interface Unit so you can control computers/servers located up to 100 ft. away from the switch. You can switch easily between the 16 ports using an on-screen display (OSD) or keyboard hot key commands. Multi-level password protection prohibits unauthorized users from accessing the connected computers. The built-in 19" LCD screen supports video resolutions up to 1366 x 768.

Add a Tripp Lite [B051-000](#) IP Remote Access Unit and you'll be able to connect to your servers from anywhere in the world. 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.

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 Tripp Lite's [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

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 Tripp Lite's [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 Tripp Lite 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



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- Use plug-and-play Server Interface Unit [B078-101-USB-1](#) (for USB) with each server that will be connected with Cat5 cable
- 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.

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

- Control your servers from anywhere in the world over LAN, WAN or the Internet by adding a Tripp Lite [B051-000](#) IP Remote Access Unit
- Expandable - Cascade a second level of KVM switches to control up to 256 servers from a single station using Tripp Lite's [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

- Serial firmware upgrade cable
- Jumper cable to connect KVM console ports to integrated console ports
- Rackmount hardware
- CD with owner's manual

Specifications

OVERVIEW	
Users	1
Console	Yes
Max CPU	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
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Green (CAPS LOCK, SCROLL LOCK, NUM LOCK)
PHYSICAL	
Shipping Dimensions (hwd / in.)	5.1 x 22.6 x 32
Shipping Weight (lbs.)	41
Unit Packaging Type	Box
Unit Dimensions (hwd / in.)	1.7 x 17.7 x 28.4
Unit Weight (lbs.)	31
Unit Weight (kg)	14.06
Material of Construction	SECC (Steel, Electrogalvanized, Cold rolled, Coil)
Color	Black
LCD Monitor (in.)	19
Rackmountable	Yes
ENVIRONMENTAL	
Storage Temperature Range	-40 to 158 F (-40 to 70 C)
Relative Humidity	0% to 80% RH, Non-Condensing
Operating Temperature	32 to 104 F (0 to 40 C)
BTUs	(Line Mode) 102 BTU/Hr / (Standby Mode) 17.1 BTU/Hr
Power Consumption (Watts)	(Line Mode) 30W / (Standby Mode) 5W
COMMUNICATIONS	
IP Remote Access	No
CONNECTIONS	
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



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PORT EXPANSION	
Max Distance (Between any 2 Units)	100 ft (30.5m)
Max Number of Ports (Entire Chain)	256
SPECIAL FEATURES	
Cat5 KVM Switch	Yes
FEATURES & SPECIFICATIONS	
Autoscan (Y,N)	Y
Autoscan Duration	Variable
On-Screen Display (OSD)	Yes
Port Selection	Hotkey; OSD
Max Supported Video Resolution	1366 x 768 @ 60Hz
Driver Required	No
Recommended Category Cable	Cat5e/6/6a Cables
CERTIFICATIONS	
Certifications	Tested to UL 60950-1 (USA), CAN/CSA (Canada), FCC Part 15 Class A, CE, IEC 60950-1, RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty
(ENG) Built-in Console	
Console Screen Size (inches)	19
Console Screen Aspect Ratio	16:9

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