Important Note

For best results, STP (Shielded Twisted Pair) Cat5e or higher cabling is recommended like 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

The 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 feet (30.5 meters) away using Cat5e/6 cabling and a compatible 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 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.

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 B078 Series SIUs
- To convert DisplayPort or HDMI computers to VGA, use adapters P134-06N-VGA-V2 or P131-06N. Maximum video resolutions using adapters may vary.

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 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

- 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
Console	Yes
Technology	Cat5/5e; Cat6; Cat6a; PS/2; VGA/SVGA

INPUT	
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)
CONNECTIONS	
Number of Ports	16
PC/Server Connections	PS/2; USB; VGA
PHYSICAL	
Color	Black
LCD Monitor (cm)	48,26
LCD Monitor (in.)	19
Shipping Dimensions (hwd / in.)	5.90 x 23.30 x 35.10
Shipping Dimensions (hwd / cm)	14.99 x 59.18 x 89.15
Shipping Weight (lbs.)	43.60
Shipping Weight (kg)	19.78
Unit Dimensions (hwd / in.)	1.710 x 18.790 x 27.260
Unit Dimensions (hwd / cm)	4,34 x 47,73 x 69,24
Unit Weight (lbs.)	28.46
Unit Weight (kg)	12.91
ENVIRONMENTAL	
Storage Temperature Range	-4° to 140°F (-20° to 60°C)
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
COMMUNICATIONS	
Port Control	Hotkeys, OSD, Remote Toolbar
IP Remote Access	Yes
FEATURES & SPECIFICATIONS	
NIAP-Certified Secure	No
Number of Users	3
Autoscan (Y,N)	N

STANDARDS & COMPLIANCE	
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); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	1-year limited warranty

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