

NetDirector 16-Port 1U Rack-Mount Console KVM Switch with 17-in. LCD and IP Remote Access

MODEL NUMBER: **B020-016-17-IP**



Control up to 16 computers from anywhere in the world with a single KVM switch with integrated console. This KVM switch with IP remote access is a smart solution for secure server control that saves rack space and money.

Description

Tripp Lite's B020-016-17-IP KVM Switch gives you a rack-mountable keyboard, LCD and touchpad in a single console that occupies only 1U of rack space. From across the room, down the street or halfway around the globe, the B020-016-17-IP can be accessed from any computer on the LAN, WAN or Internet. Easy to install and use, it's the optimal solution for controlling up to 16 computers/servers.

The B020-016-17-IP has a built-in 17" LCD screen that supports video resolutions up to 1280 x 1024 and remote monitor resolutions up to 1600 x 1200. You can switch easily between the 16 ports using on-console push buttons, an on-screen display (OSD) or keyboard hot key commands. Up to 64 users can be authorized and 32 remote users can be logged on concurrently when multi-user operation is enabled, with multi-level password security. RADIUS server authentication is supported.

This switch controls PS/2 or USB computers/servers using a P774-Series (PS/2) or P776-Series (USB) KVM Cable Kit (one of each is included). When not in use, the B020-016-17-IP stores neatly in a rack drawer and pulls out when needed. With its dual-rail design, you can slide the keyboard into the rack, while the monitor stays visible. 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, 17" LCD screen, keyboard and touchpad in a 1U rack-mountable drawer
 - ideal when rack space is at a premium

Highlights

- Control computers/servers locally or via LAN, WAN or Internet
- Occupies just 1U of space in a rack-mountable, dual-rail drawer
- 17" LCD screen supports video resolutions up to 1280 x 1024
- Allows up to 64 authorized users and 32 concurrent remote log-ins
- Compatible with all operating systems

System Requirements

- PS/2 or USB computer with VGA, SVGA or MultiSync video graphics card with HD15 port
- (1) P774-Series (PS/2) or P776-Series (USB) KVM Cable Kit is required for each connected computer/server
- Computers that access the KVM remotely should have at least a Pentium III, 1GHz processor, with screen resolution set to 1024 x 768
- If remote computer is accessing the switch with Windows Client, DirectX 7.0 or higher is needed; if accessing the switch with Java Client, Sun's Java 2 (1.4.2 or higher) runtime environment must be installed
- Browsers must support 128-bit encryption
- A network transfer speed of 128 Kbps or higher is recommended
- Compatible with all major



- Mounts into 19"-wide rack, 26.5"-30" deep
- Flip-up/fold-down screen keeps the console from blocking access to rack equipment when not in use; dual-rail design lets you push in the keyboard while the LCD stays open

IP Remote Access for Fewer Trips to the Server Room

- Remote access offers convenience of controlling servers from anywhere...no need to travel to the server room or network closet
- Supports both IPv4 and IPv6 and network interfaces TCP/IP, HTTP, HTTPS, UDP, RADIUS, DHCP, SSL, ARP, DNS, 10Base-T/100Base-TX, Auto Sense and Ping

Simplifies IT Tasks

- Switch easily between the 16 ports via on-console buttons, on-screen display or hot keys
- Panel array mode lets you monitor multiple ports at the same time
- Hot pluggable; add or remove computers without powering down the switch
- Auto-scan mode automatically sequences through all active ports accessible to the user
- Windows-based log server tracks events on your installation

Large 17" LCD

- Wide display makes multitasking easier
- Supports video resolutions up to 1280 x 1024; remote monitor resolutions up to 1600 x 1200
- DDC emulation allows settings of each computer to be automatically adjusted for optimal output to LCD

Advanced Security Features

- Includes password protection and advanced encryption: 1024-bit RSA, 256-bit AES, 56-bit DES, and 128-bit SSL
- Supports RADIUS server authentication
- Allows up to 64 user accounts; with multi-user operation enabled, up to 32 users can log on at one time

Expandability and Long-Lasting Reliability

- Compatible with all major operating systems for easy integration into your existing structure
- Flash firmware is upgradable over a network connection
- Heavy-duty steel housing stands up to frequent use

TAA Compliant

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

operating systems

- Power consumption: 120V, 60Hz, 31W; 230V, 50Hz, 39W

Package Includes

- B020-016-17-IP 16-Port Console KVM Switch with 17" LCD and built-in IP access
- P774-Series 6 ft. PS/2 KVM Cable Kit
- P776-Series 6 ft. USB KVM Cable Kit
- C13 to 5-15P power cord
- Owner's Manual CD

Specifications

OVERVIEW	
UPC Code	037332146908



Users	1
Console	Yes
Max CPU	16
Technology	PS/2; USB (all versions); 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
Recommended Electrical Service	100-250V
Maximum Input Amps	1
Input Frequency	50/60Hz
Input Current	120V (0.8A) / 230V (0.4A)
PHYSICAL	
Shipping Dimensions (hwd / in.)	6.000 x 27.000 x 33.000
Shipping Dimensions (hwd / cm)	15.24 x 68.58 x 83.82
Shipping Weight (lbs.)	49.6000
Shipping Weight (kg)	22.50
Unit Dimensions (hwd / in.)	1.75 x 19 x 27.8
Unit Dimensions (hwd / cm)	4.45 x 48.26 x 70.61
Unit Weight (lbs.)	38.1
Unit Weight (kg)	17.28
Color	Black
LCD Monitor (in.)	17
LCD Monitor (cm)	43.18
ENVIRONMENTAL	
Storage Temperature Range	-20 to +60 degrees C
Relative Humidity	0% to 80% RH, Non-condensing
Operating Temperature	0 to 40 degrees C
BTUs	100.7 to 102.42
COMMUNICATIONS	
Port Control	Push Buttons, Hotkeys, OSD
IP Remote Access	Yes
CONNECTIONS	
Ports	16



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

Computer/Server Ports	(x16) HD15 Female
PC/Server Connections	PS/2; USB; VGA
FEATURES & SPECIFICATIONS	
Autoscan (Y,N)	Y
Autoscan Duration	1 - 255 Seconds
CERTIFICATIONS	
Certifications	UL 60950-1 (USA), CAN/CSA (Canada), FCC Part 15 Class A, CE
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

© 2018 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies:

<https://www.tripplite.com/products/product-certification-agencies>