

## NetDirector 16-Port 1U Rack-Mount Console KVM Switch with 19-in. LCD + 8 PS2/USB Combo Cables

MODEL NUMBER: **B020-U16-19-K**



Control up to 16 computers with a single KVM switch with integrated console. This KVM switch is a smart solution for secure and centralized server control that saves rack space and money.

### Description

Tripp Lite's B020-U16-19-K KVM Switch gives you a rack-mountable 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. Increase the number of connected computers up to 264 by daisy-chaining up to 31 B022-U08 KVM switches

The B020-U16-19-K has a built-in 19" LCD screen that supports video resolutions up to 1280 x 1024. You can switch easily between the 16 ports using on-console push buttons, an on-screen display (OSD) or keyboard hot key commands. Multi-level password security can be set up for an administrator and up to 4 local users to ensure only those with authorization can access the connected computers.

The eight included P778-series combo cable kits support both PS/2 and USB connections, so no adapters are required. A console cable kit can be plugged into the rear of the unit to allow for connection of a Tripp Lite B051-000 IP Remote Access Unit or an external console. A USB port on the front of the keyboard lets you connect an external mouse, plus an external USB 1.1 port means you can add a peripheral that can be shared across all connected servers. When not in use, the B020-U16-19-K 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.

### Features

#### Saves Space and Money

- Combines a 16-port KVM switch, 19" LCD screen, full keyboard and touchpad in a 1U rack-mountable drawer

### Highlights

- Occupies just 1U of space in a rack-mountable drawer
- 19" LCD screen supports video resolutions up to 1280 x 1024
- Simplifies IT tasks with easy switching between all 16 ports
- Provides 2-level password security (administrator and user)
- Combo cables (included) connect to PS/2 or USB servers

### System Requirements

- Computer with HD15 port, and USB port or PS/2 keyboard/mouse ports
- P778-006 USB/PS2 combo KVM cable kit is required for each connected computer/server
- Compatible with all major operating systems
- Power consumption: 120V, 60Hz, 28.5W; 230V, 50Hz, 29.1W

### Package Includes

- B020-U16-19-K 1U rackmount console KVM switch with 19" LCD
- (x8) P778-006 6 ft. USB/PS2 combo KVM cable kits
- USB/PS2 combo console cable kit
- RJ11 to DB9 firmware upgrade cable
- C13 to 5-15P power cord
- Grounding wire
- Rackmount hardware

- Mounts into 19"-wide rack, 26"-38" deep
- Gives you control of up to 16 servers from a single, easily accessible console – ideal when rack space is at a premium
- Includes eight P778-Series cables that support computers with either PS/2 or USB connections
- Flip-up/fold-down screen keeps the console from blocking access to rack equipment when not in use
- Eliminates need to buy costly separate monitors, keyboards and mice for each computer/server

- CD with owner's manual
- Quick start guide

#### **Simplifies IT Tasks**

- Switch easily between the 16 ports via on-console buttons, on-screen display or hot keys; OSD can be set to English, Spanish, French, German or Japanese
- Hot pluggable; add or remove computers without having to power down the switch
- Auto-scan mode automatically sequences through all active ports that are accessible to the user

#### **Large 19" LCD**

- Extra-wide display makes multitasking easier
- Supports video resolutions up to 1280 x 1024
- DDC emulation allows the video settings of each computer to be automatically adjusted for optimal output to the LCD

#### **Multi-Level Password Security**

- Enhances security by limiting access to an administrator and up to 4 local users
- Two-level log-out allows for manual log-out or automatic log-out after a user-defined period of time has passed

#### **Future Expandability and Long-Lasting Reliability**

- Increase the number of connected computers up to 264 by daisy-chaining up to 31 B022-U08 KVM switches
- A console cable kit is included so you can connect the external console port to a keyboard, mouse or monitor, or a Tripp Lite B051-000 IP Remote Access Unit
- An additional USB port on the front of the unit lets you connect an external USB mouse; a USB port is also available to share a peripheral such as a flash drive or external hard drive with all the connected servers
- 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

## **Specifications**

### **OVERVIEW**



UPC Code	037332150769
Console	Yes
Max CPU	16
<b>PHYSICAL</b>	
Color	Black
Included Mounting Accessories	Yes
LCD Monitor (cm)	48.26
LCD Monitor (in.)	19
Shipping Dimensions (hwd / cm)	12.70 x 66.29 x 82.55
Shipping Dimensions (hwd / in.)	5.00 x 26.10 x 32.50
Shipping Weight (kg)	19.05
Shipping Weight (lbs.)	42.00
Unit Dimensions (hwd / cm)	4.45 x 43.18 x 68.58
Unit Dimensions (hwd / in.)	1.75 x 17 x 27
Unit Weight (kg)	14.20
Unit Weight (lbs.)	31.3
<b>ENVIRONMENTAL</b>	
Storage Temperature Range	-4 Degrees F to 140 degrees F (-20 to +60 C)
Relative Humidity	0 to 80% RH, Non-condensing
Operating Temperature	32 Degrees F to 120 Degrees F (0 to 50 C)
<b>COMMUNICATIONS</b>	
Port Control	Push Buttons, Hotkeys, OSD
IP Remote Access	No
<b>CONNECTIONS</b>	
Ports	16
Computer/Server Ports	(x16) HD18 (Female)
Firmware Upgrade Port	RJ45
PC/Server Connections	PS/2; USB; VGA
Included Cable (Side A) - Connector 1	HD18 Male
Included Cable (Side B) - Connector 2	PS/2 male
Included Cable (Side B) - Connector 3	PS/2 male



Included Cable (Side B) - Connector 4	USB A Male
<b>FEATURES &amp; SPECIFICATIONS</b>	
Autoscan (Y,N)	Y
Number of Users	1
NIAP-Certified Secure	No
Cat5 KVM Switch	No
Technology	PS/2; USB; VGA/SVGA
<b>STANDARDS &amp; COMPLIANCE</b>	
Certifications	UL 60950-1 (USA), CAN/CSA (Canada), FCC Part 15 Class A, CE, IEC 60950-1
Approvals	UL, cUL, CE, FCC, RoHS
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	1-year limited warranty

© 2020 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>