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## 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
Users	1
Console	Yes
Max CPU	16
Technology	PS/2; USB (all versions); VGA/SVGA
<b>PHYSICAL</b>	
Shipping Dimensions (hwd / in.)	5.000 x 26.100 x 32.500
Shipping Dimensions (hwd / cm)	12.70 x 66.29 x 82.55
Shipping Weight (lbs.)	43.7450
Shipping Weight (kg)	19.84
Unit Dimensions (hwd / in.)	1.75 x 17 x 27
Unit Dimensions (hwd / cm)	4.45 x 43.18 x 68.58
Unit Weight (lbs.)	31.3
Unit Weight (kg)	14.20
Included Mounting Accessories	Yes
Color	Black
LCD Monitor (in.)	19
LCD Monitor (cm)	48.26
<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



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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
<b>CERTIFICATIONS</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

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