

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 |
| PHYSICAL | |
| 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 |
| ENVIRONMENTAL | |
| 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) |
| COMMUNICATIONS | |
| Port Control | Push Buttons, Hotkeys, OSD |
| IP Remote Access | No |
| CONNECTIONS | |
| 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 |
| FEATURES & SPECIFICATIONS | |
| Autoscan (Y,N) | Y |
| Number of Users | 1 |
| NIAP-Certified Secure | No |
| Cat5 KVM Switch | No |
| Technology | PS/2; USB; VGA/SVGA |
| STANDARDS & COMPLIANCE | |
| Certifications | UL 60950-1 (USA), CAN/CSA (Canada), FCC Part 15 Class A, CE, IEC 60950-1 |
| Approvals | UL, cUL, CE, FCC, RoHS |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 1-year limited warranty |

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