# NetDirector 8-Port 1U Rack-Mount Console KVM Switch with 19-in. LCD and IP Remote Access

MODEL NUMBER: **B020-U08-19-IP**

## Highlights

- Control computers/servers locally or via LAN, WAN or Internet
- Occupies just 1U of space in a rack-mountable drawer
- 19" LCD screen supports video resolutions up to 1280 x 1024
- Allows up to 64 user accounts, with multi-level security
- Compatible with all operating systems

## System Requirements

- Servers being connected to the KVM must have a HD15 port, and a USB port or PS/2 Keyboard/Mouse ports; a P778-Series combo KVM cable kit is required for each connected computer
- Computers that access the KVM remotely should have at least a Pentium III, 1GHz processor
- 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
- A network transfer speed of 128Kbps or higher is recommended
- Supports Internet Explorer, Firefox, Mozilla, Safari, Chrome, Opera and Netscape web

## Description

Tripp Lite's B020-U08-19-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-U08-19-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 8 computers/servers.

The B020-U08-19-IP has a built-in 19" LCD screen that supports video resolutions up to 1280 x 1024 @ 75Hz, with remote monitor resolutions up to 1600 x 1200 @ 60Hz. You can switch easily between the 8 ports using on-console push buttons, an on-screen display (OSD) or keyboard hot key commands. Up to 64 users can be authorized with any combination of admins and users. Multi-level security enhances protection of data and equipment.

This switch controls PS/2 or USB computers/servers using a P778-Series Combo KVM Cable Kit (two cable kits are included). 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-U08-19-IP 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 8-port KVM switch, 19-in. LCD screen, keyboard and touchpad in a 1U rack-mountable drawer – ideal when rack space is at a premium
- Mounts into 19"-wide rack, 26"-38" deep
- Flip-up/fold-down screen keeps console from blocking access to rack equipment when not in use

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, RADIUS, DHCP, SSL, ARP, DNS, 10Base-T/100Base-TX, Auto Sense and Ping

Simplifies IT Tasks

- Switch easily between the 8 ports via on-console buttons, on-screen display or hot keys; OSD can be set to English, Spanish, French, German or Japanese
- Panel array mode lets you monitor multiple ports at same time
- Supports RADIUS and LDAP/S authentication
- Auto-scan mode automatically sequences through all active ports accessible to the user
- Includes USB port for an external mouse and a USB 1.1 port for sharing a peripheral across the installation
- Log server tracks events on your installation

Large 19" LCD

- Extra-wide display makes multitasking easier
- Supports video resolutions up to 1280 x 1024; remote monitor resolutions up to 1600 x 1200
- DDC emulation allows for optimal output to the LCD

Advanced Security Features

- Includes password protection and advanced encryption: 512-bit RSA, 256-bit AES, 56-bit DES, 168-bit 3DES, 128-bit RC4 and 128-bit SSL
- Allows up to 64 user accounts, with 3 levels of access

Expandability and Long-Lasting Reliability

- Compatible with all major operating systems for easy integration into existing structure
- Firmware is upgradable so your software remains up-to-date
- Heavy-duty steel housing stands up to frequent use

browsers
- Compatible with all major operating systems
- Power consumption: 120V, 60Hz, 33.5W; 230V, 50Hz, 34W

**Package Includes**

- B020-U08-19-IP 8-Port console KVM switch with 19" LCD and built-in IP access
- (x2) P778-Series 6 ft. USB/PS2 combo KVM Cable Kits
- USB/PS2 combo external console Cable Kit
- Grounding wire
- RJ11 to DB9 firmware upgrade cable
- Rackmount hardware
- C13 to 5-15P power cord
- CD with owner's manual, quick start guide, and device files

# Specifications

| MODEL TEXT | |
|---|---|
| Key Benefit | Control up to 8 computers from anywhere in the world with a single KVM switch with integrated console and IP remote access. This KVM switch is a smart solution for secure server control that saves rack space and money. |
| **OVERVIEW** | |

| | |
|---|---|
| Users | 1 |
| Max CPU | 8 |

| **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** | |
|---|---|
| Unit Dimensions (hwd / in.) | 1.73 x 18.9 x 27 |
| Unit Dimensions (hwd / cm) | 4.39 x 48.00 x 68.58 |
| Unit Weight (lbs.) | 31 |
| Unit Weight (kg) | 14.06 |
| Housing Color | Black |
| LCD Monitor (in.) | 19 |
| LCD Monitor (cm) | 48.26 |

| **ENVIRONMENTAL** | |
|---|---|
| Storage Temperature Range | -20 to 60 C (-4 to 140 F) |
| Relative Humidity | 0 to 80% RH, Non-Condensing |
| Operating Temperature | 0 to 50 C (32 to 122 F) |

| **COMMUNICATIONS** | |
|---|---|
| Port Control | Push Buttons, Hotkeys, OSD |
| IP Remote Access | 1 |

| **CONNECTIONS** | |
|---|---|
| Ports | 8 |
| PC/Server Connections | PS/2; USB; VGA |

| **SPECIAL FEATURES** | |
|---|---|
| Cat5 KVM Switch | 0 |

| **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, EN 60950-1 |
| Approvals | UL, cUL, CE, FCC, RoHS |
| **WARRANTY** | |
| Product Warranty Period (Worldwide) | 1-year limited warranty |