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

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

Control up to 8 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.

## Features

### Saves Space and Money

- Combines an 8-port KVM switch, 19" LCD screen, full keyboard and touchpad in a 1U rack-mountable drawer
- Mounts into 19"-wide rack, 26"-38" deep
- Control up to 8 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

### 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 optimal output to the LCD

## 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 8 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-U08-19-K 1U rackmount console KVM switch with 19" LCD
- (x8) P778-006 6-ft. (1.83 m) 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

**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

**Expandability and Long-Lasting Reliability**

- Increase the number of connected computers up to 256 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

- CD with owner's manual
- Quick start guide

# Specifications

| OVERVIEW | |
| --- | --- |
| UPC Code | 037332150776 |
| Console | Yes |
| Max CPU | 8 |
| Technology | PS/2; USB; VGA/SVGA |

| VIDEO | |
| --- | --- |
| Max Supported Video Resolution | 1280 x 1024 @60Hz |

| 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 |
| Input Frequency | 50/60Hz |
| Input Current | 120V (0.8A) / 230V (0.4A) |

| 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) | 19.50 |
| Shipping Weight (lbs.) | 43.00 |
| 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) | 13.88 |
| Unit Weight (lbs.) | 30.6 |

| **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) |
| BTUs | 26.1 BTUs at 120Vac/ 27.2 BTUs at 220Vac |

| **COMMUNICATIONS** | |
|---|---|
| Port Control | Push Buttons, Hotkeys, OSD |
| IP Remote Access | No |

| **CONNECTIONS** | |
|---|---|
| Ports | 8 |
| Computer/Server Ports | (x8) HD18 (Female) |
| Firmware Upgrade Port | RJ11 |
| PC/Server Connections | PS/2; USB; VGA |
| Side A - Connector 1 | (8) HD18 (FEMALE) |
| Side B - Connector 1 | (1) HD18 (MALE) |
| Side B - Connector 2 | (1) DB25 (MALE) |
| Side B - Connector 3 | (1) RJ11 (FEMALE) |
| Side B - Connector 4 | (2) USB A (FEMALE) |

| **FEATURES & SPECIFICATIONS** | |
|---|---|
| Autoscan (Y,N) | Y |
| Autoscan Duration | 1-255 Seconds |
| Number of Users | 1 |
| NIAP-Certified Secure | No |
| USB Specification | USB 2.0 (up to 480 Mbps) |
| Cat5 KVM Switch | No |

| 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 |