

8-Port 1U Rack-Mount USB/PS2 KVM Switch with On-Screen Display

MODEL NUMBER: **B042-008**



Description

The NetController® 8-port 1U rack-mount KVM Switch is an affordable, highly flexible enterprise-class KVM Switch, which allows the user to connect either USB or PS/2 keyboards and mice. In addition, P780-Series USB/PS2 combo KVM cable kits allow you to connect either USB or PS/2 computers, without the need to purchase separate cables or adapters. Control up to eight directly connected computers, or expand the number of connected computers to up to 248 by daisy-chaining up to 15 additional B042-Series KVM switches. Switch between connected computers via the On-Screen Display (OSD), push buttons or keyboard hotkey commands. Other features include: password protection, auto-scanning, auto-logout, firmware upgrade and video support up to 2048 x 1536 (QXGA). Mounts easily in a standard 19-inch rack/cabinet and includes all necessary mounting hardware. Compatible with all major operating systems. Constructed of heavy-duty steel housing.

Features

- NetController 8-Port, 1U rackmount KVM switch
- Control 8 computers via a single VGA monitor and USB or PS/2 keyboard/mouse
- P780-Series USB/PS2 combo KVM cable kits allow you to connect either USB or PS/2 computers, without the need to purchase separate cables or adapters
- Control up to 248 computers by daisy-chaining up to 15 additional B042-Series KVM switches
- Allows for easy customization of ports by daisy-chaining any combination of B042-Series KVM's (4-, 8- or 16-port)
- Standard 19" Rackmount size - hardware included
- On-Screen Display (OSD) menu for intuitive operation and easy control
- Switch between connected computers via the On-Screen Display (OSD), pushbuttons, or keyboard hotkey commands
- Supports video resolution up to 2048 x 1536
- Password protection and auto-logout features
- Firmware upgradeable
- Robust metal case design ensures best EMI/RFI shielding and video quality
- Hot-swappable: disconnect and reconnect USB computers without rebooting
- Supports standard 5-button Microsoft, Logitech, or comparable mice
- Supports standard Microsoft, Logitech, or comparable keyboards

Highlights

- NetController 8-Port, 1U rackmount KVM switch
- Control 8 computers via a single VGA monitor and USB or PS/2 keyboard/mouse
- Control up to 248 computers by daisy-chaining up to 15 additional B042-Series KVM switches
- P780-Series USB/PS2 combo KVM cables kits allow you to connect either USB or PS/2 computers, without the need to purchase separate cables or adapters
- Compatible with all major operating systems

System Requirements

Hardware Versions

A new hardware version (v2) of the B042-008 was released in 2019, requiring different firmware from the previous version (v1). The Support tab of this page includes a zip folder for v2. Along with the applicable firmware, it contains an FW Notes file to help you determine which hardware version you have and which firmware to use. The current firmware comes pre-installed on all v2 models. If you have a hardware version (v1) KVM, consult Technical Support for the applicable firmware. Note: *When daisy-chaining (8) or (16) Port KVM switches together and problems are experienced, confirm switches have the same hardware version. If firmware is not up to date, you may need to upgrade the firmware of your unit(s).*

Package Includes

- B042-008 NetController 8-port 1U rack-mount KVM switch
- External Power Supply with NEMA 1-15P Plug (Input: 100-240V, 50/60 Hz, 0.5A / Output: 9V 1A)
- Rack-mount hardware
- 8 in. daisy-chain cable (for longer daisy-chain cables, see P781-Series cables)
- Daisy-chain terminator
- 4 ft. HD15 to DB9 firmware upgrade cable

- Compatible with all major operating systems
- Constructed of heavy-duty steel housing

- CD with owner's manual and quick start guide
- Quick start guide

Specifications

| OVERVIEW | |
|---|--|
| UPC Code | 037332141392 |
| Console | No |
| Max CPU | 248 |
| Technology | PS/2; VGA/SVGA |
| VIDEO | |
| Max Supported Video Resolution | 2048 x 1536 @60Hz |
| Max. Distance (Between any 2 Units) | 98ft (30m) |
| Max Number of Ports (Entire Chain) | 248 |
| INPUT | |
| AC Power Adapter Plug(s) | NEMA 1-15P North America |
| AC Power Adapter Input Specs (V / Hz / A) | 100-240V / 50/60Hz / 1A |
| AC Power Adapter Output Specs (V / A) | 9V / 1.33A |
| AC Power Adapter Cord Length (ft.) | 5 |
| AC Power Adapter Cord Length (m) | 1.5 |
| Voltage Compatibility (VAC) | 100; 110; 120; 127; 200; 208; 220; 230; 240 |
| POWER | |
| Power Source Type | AC Adapter |
| AC Adapter | Input: 100-240V, 50/60Hz, 1.0A / Output: 9V, 1.33A |
| DC Barrel Plug | OD: 5.5 x 2.1 x 9.5mm, Positive Pin, Negative Sleeve |
| Power Consumption (Watts) | 6.4 |
| CONNECTIONS | |
| Number of Ports | 8 |
| Daisy-Chain Port | Yes |
| Firmware Upgrade Port | Yes |
| PC/Server Connections | PS/2; USB; VGA |



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|--|---------------------------------|
| Side A - Connector 1 | (8) HD15 (FEMALE) |
| Side B - Connector 1 | (2) HD15 (FEMALE) |
| Side B - Connector 2 | HD15 (MALE) |
| Side B - Connector 3 | (2) MINI DIN-6 (FEMALE) |
| Side B - Connector 4 | (2) USB A (FEMALE) |
| Computer Keyboard and Mouse Interface | PS/2; USB |
| Computer Monitor Interface | VGA |
| Console Keyboard and Mouse Interface | PS/2; USB |
| Console Monitor Interface | VGA |
| Connector Plating | Nickel |
| USER INTERFACE, ALERTS & CONTROLS | |
| LED Indicators | Red (Link); Green (Selected PC) |
| PHYSICAL | |
| Color | Black |
| Material of Construction | Steel |
| Rackmountable | Yes |
| Shipping Dimensions (hwd / in.) | 2.80 x 11.10 x 17.10 |
| Shipping Dimensions (hwd / cm) | 7.11 x 28.19 x 43.43 |
| Shipping Weight (lbs.) | 6.10 |
| Shipping Weight (kg) | 2.77 |
| Unit Dimensions (hwd / in.) | 1.750 x 19.000 x 6.500 |
| Unit Packaging Type | Box |
| Unit Weight (lbs.) | 4.19 |
| Unit Weight (kg) | 1.90 |
| ENVIRONMENTAL | |
| Operating Temperature Range | 32° to 104°F (0° to 40°C) |
| Storage Temperature Range | -4° to 140°F (-20° to 60°C) |
| Relative Humidity | 0%-90% RH, Non-Condensing |
| BTUs | 21.8 BTU/Hr |
| ESD Protection | Yes |
| COMMUNICATIONS | |
| Hotkey | Yes |
| IP Remote Access | No |



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|--------------------------------------|-------------------------------------|
| EDID Compatible | Yes |
| PORT EXPANSION | |
| Daisy-chainable or Cascadable | Daisychainable |
| FEATURES & SPECIFICATIONS | |
| NIAP-Certified Secure | No |
| Number of Users | 1 |
| On-Screen Display (OSD) | Yes |
| Port Selection | Pushbutton; Hotkey; OSD |
| Driver Required | No |
| STANDARDS & COMPLIANCE | |
| External Power Supply Certifications | FCC; UL; cUL; TUV; CB |
| Product Compliance | RoHS; CE (Europe); REACH; FCC (USA) |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | 3-year limited warranty |

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