

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

MODEL NUMBER: **B042-004**



### Description

Tripp Lite's NetController 4-Port, 1U rackmount 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 4 directly connected computers, or expand the number of connected computers to up to 244 by daisy chaining up to 15 additional B042-Series KVM switches. Switch between connected computers via the On-Screen Display (OSD), pushbuttons, 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" rack/cabinet and includes all necessary mounting hardware. Compatible with all major operating systems. Constructed of heavy-duty steel housing.

### Features

- NetController 4-Port, 1U rackmount KVM switch
- Control 4 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 244 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

### Highlights

- NetController 4-Port, 1U rackmount KVM switch
- Control 4 computers via a single VGA monitor and USB or PS/2 keyboard/mouse
- Control up to 244 computers by daisy chaining up to 15 additional B042-Series KVM switches
- P780-Series USB/PS2 combo KVM cables (purchased separately) allow you to connect either USB or PS/2 computers
- Compatible with all major operating systems

### Package Includes

- B042-004 NetController 4-Port, 1U rackmount KVM switch
- External Power Supply with NEMA 1-15P Plug (Input: 100-240V, 50/60Hz, 0.3A / Output: 9V, 1A)
- Rackmount hardware
- 8 In. Daisychain cable ( for longer daisy-chain cables, see Tripp Lite P781 series cables)
- Daisychain terminator
- 4 ft. HD15 to DB9 firmware upgrade cable
- CD with owner's manual and quick start guide
- Quick start guide



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

## Specifications

OVERVIEW	
UPC Code	037332143266
AC Adapter	Input: 100-240V, 50/60Hz, 0.3A / Output: 9V, 1A
Console	No
Max CPU	244
INPUT	
Voltage Compatibility (VAC)	100; 110; 120; 127; 200; 208; 220; 230; 240
External Power Supply Input Specs (V / Hz / A)	100-240V / 50/60Hz / 1.0A
External Power Supply Output Specs (V / A)	9V/ 1.33A
External Power Supply Cord Length (ft.)	5
External Power Supply DC Barrel Connector Specs	OD: 5.5 x 2.1 x 9.5mm, Positive Pin, Negative Sleeve
External Power Supply Plug(s)	NEMA 1-15P North America
External Power Supply Certifications	FCC; UL; cUL; TUV; CB
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Red (Link); Green (Selected PC)
PHYSICAL	
Color	Black
Material of Construction	Steel
Rackmountable	Yes
Shipping Dimensions (hwd / cm)	7.11 x 43.94 x 29.21
Shipping Dimensions (hwd / in.)	2.80 x 17.30 x 11.50



Shipping Weight (kg)	2.77
Shipping Weight (lbs.)	6.10
Unit Dimensions (hwd / in.)	1.8 x 16.1 x 6.5
Unit Packaging Type	Box
Unit Weight (kg)	1.81
Unit Weight (lbs.)	4.00
<b>ENVIRONMENTAL</b>	
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	16.7 BTU/Hr
Power Consumption (Watts)	4.9
<b>COMMUNICATIONS</b>	
IP Remote Access	No
<b>CONNECTIONS</b>	
Ports	4
PC/Server Connections	PS/2; USB; VGA
Side A - Connector 1	(4) HD15 (FEMALE)
Side B - Connector 1	(2) HD15 (FEMALE)
Side B - Connector 2	HD15 (MALE)
Side B - Connector 3	(2) USB A (FEMALE)
Side B - Connector 4	(2) MINI DIN-6 (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
<b>PORT EXPANSION</b>	
Max Distance (Between any 2 Units)	98ft (30m)
Max Number of Ports (Entire Chain)	244
<b>FEATURES &amp; SPECIFICATIONS</b>	



Number of Users	1
NIAP-Certified Secure	No
On-Screen Display (OSD)	Yes
Port Selection	Pushbutton; Hotkey; OSD
Max Supported Video Resolution	2048 x 1536 @60Hz
Driver Required	No
Cat5 KVM Switch	No
Technology	PS/2; USB; VGA/SVGA
<b>STANDARDS &amp; COMPLIANCE</b>	
Certifications	Tested to CE, FCC, RoHS, REACH
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	3-year limited warranty

© 2020 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies: <https://www.tripplite.com/products/product-certification-agencies>