

Compatible with B040/42-Series KVM's only. Cannot be daisychained to other KVM series.

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

MODEL NUMBER: **B042-016**



### Description

Tripp Lite's NetController 16-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 16 directly connected computers, or expand the number of connected computers to up to 256 by daisychaining up to 15 additional B040/42-Series KVM switches (Compatible with B040/42-Series KVM's only. Cannot be daisychained to other KVM series) 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 16-Port, 1U rackmount KVM switch
- Control 16 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 256 computers by daisychaining up to 15 additional B040/42-Series KVM switches (Compatible with B040/42-Series KVM's only. Cannot be daisychained to other KVM series)
- 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

### Highlights

- NetController 16-Port, 1U rackmount KVM switch
- Control 16 computers via a single VGA monitor and USB or PS/2 keyboard/mouse
- Control up to 256 computers by daisychaining up to 15 additional B040/42-Series KVM switches (Compatible with B040/42-Series KVM's only. Cannot be daisychained to other KVM series)
- 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

### Package Includes

- B042-016 NetController 16-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



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

## Specifications

OVERVIEW	
UPC Code	037332141408
AC Adapter	Input: 100-240V, 50/60Hz, 0.3A / Output: 9V, 1A
Console	No
Max CPU	256
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	
Shipping Dimensions (hwd / in.)	2.80 x 17.30 x 11.50
Shipping Dimensions (hwd / cm)	7.11 x 43.94 x 29.21



Shipping Weight (lbs.)	6.60
Shipping Weight (kg)	2.99
Unit Packaging Type	Box
Unit Dimensions (hwd / in.)	1.8 x 16.1 x 6.5
Unit Weight (lbs.)	4.00
Unit Weight (kg)	1.81
Material of Construction	SECC
Color	Black
Rackmountable	Yes
<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	33.1 BTU/Hr
Power Consumption (Watts)	9.7
<b>COMMUNICATIONS</b>	
IP Remote Access	No
<b>CONNECTIONS</b>	
Ports	16
PC/Server Connections	PS/2; USB; VGA
Side A - Connector 1	(16) 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
<b>PORT EXPANSION</b>	
Max Distance (Between any 2 Units)	98ft (30m)



Max Number of Ports (Entire Chain)	256
<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>CERTIFICATIONS</b>	
Certifications	Tested to CE, FCC, RoHS, REACH
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	3-year limited warranty

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