

Compatible with B040/42-Series KVM's only. Cannot be daisy-chained 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 daisy-chaining up to 15 additional B040/42-Series KVM switches (Compatible with B040/42-Series KVM's only. Cannot be daisy-chained 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 daisy-chaining up to 15 additional B040/42-Series KVM switches (Compatible with B040/42-Series KVM's only. Cannot be daisy-chained 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
- 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

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 daisy-chaining up to 15 additional B040/42-Series KVM switches (Compatible with B040/42-Series KVM's only. Cannot be daisy-chained 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

System Requirements

Hardware Versions

A new hardware version (v2) of the B042-016 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

- B042-016 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



- 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

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

Specifications

OVERVIEW	
UPC Code	037332141408
Console	No
Max CPU	256
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)	256
INPUT	
Voltage Compatibility (VAC)	100; 110; 120; 127; 200; 208; 220; 230; 240
Bus Powered	No
POWER	
AC Adapter	Input: 100-240V, 50/60Hz, 0.3A / Output: 9V, 1.33A
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
DC Barrel Plug	OD: 5.5 x 2.1 x 9.5mm, Positive Pin, Negative Sleeve
Power Consumption (Watts)	9.7
External Power Supply Plug(s)	NEMA 1-15P North America
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Red (Link); Green (Selected PC)



PHYSICAL	
Material of Construction	Steel
Color	Black
Rackmountable	Yes
Shipping Dimensions (hwd / cm)	7.11 x 28.70 x 43.43
Shipping Dimensions (hwd / in.)	2.80 x 11.30 x 17.10
Shipping Weight (kg)	2.95
Shipping Weight (lbs.)	6.50
Unit Dimensions (hwd / in.)	1.8 x 16.1 x 6.5
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	33.1 BTU/Hr
ESD Protection	Yes
COMMUNICATIONS	
Hotkey	Yes
IP Remote Access	No
EDID Compatible	Yes
CONNECTIONS	
Number of Ports	16
Daisy-Chain Port	Yes
Firmware Upgrade Port	Yes
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)



Included Cable (Side A) - Connector 1	No
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
PORT EXPANSION	
Daisy-chainable or Cascadable	Daisychainable
FEATURES & SPECIFICATIONS	
Autoscan (Y,N)	Y
Autoscan Duration	10 to 60 seconds
Number of Users	1
NIAP-Certified Secure	No
On-Screen Display (OSD)	Yes
Port Selection	Pushbutton; Hotkey; OSD
Driver Required	No
Cat5 KVM Switch	No
STANDARDS & COMPLIANCE	
External Power Supply Certifications	FCC; UL; cUL; TUV; CB
Certification & Compliance	CE (Europe); RoHS; REACH; FCC (USA)
WARRANTY	
Product Warranty Period (Worldwide)	3-year limited warranty

© 2022 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>