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

MODEL NUMBER: **B042-004**







Description

This NetController® 4-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 four 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), 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 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 daisychaining up to 15 additional B042-Series KVM switches
- Allows for easy customization of ports by daisy-chaing 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 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 daisychaining 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

System Requirements

Hardware Versions
A new hardware version (v2) of the B042-004 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 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

- B042-004 NetController 4-port 1U rack-mount KVM switch
- External Power Supply with NEMA 1-15P Plug (Input: 100-240V, 50/60 Hz, 0.3A / 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
- CD with owner's manual and quick start guide

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

- Quick start guide

Specifications

OVERVIEW	
UPC Code	037332143266
Console	No
Max CPU	244
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)	244
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, 0.3A / Output: 9V, 1.33A
DC Barrel Plug	OD: 5.5 x 2.1 x 9.5mm, Positive Pin, Negative Sleeve
Power Consumption (Watts)	4.9
CONNECTIONS	
Number of Ports	4
Daisy-Chain Port	Yes
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)
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
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 17.30 x 11.50
Shipping Dimensions (hwd / cm)	7.11 x 43.94 x 29.21
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	16.7 BTU/Hr
ESD Protection	Yes
COMMUNICATIONS	
Hotkey	Yes
IP Remote Access	No

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	CB; FCC; TUV; UL; cUL
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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