

NetDirector 16-Port 1U Rack-Mount Console KVM Switch with 17-in. LCD

MODEL NUMBER: **B020-016-17**



Description

Tripp Lite's B020-016-17 KVM Switch gives you a rack-mountable keyboard, LCD and touchpad in a single console that occupies only 1U of rack space. Easy to install and use, it's the optimal solution for controlling up to 16 computers/servers. Increase the number of connected computers to up to 264 by daisy-chaining up to 31 [B022-U08](#) KVM switches

The B020-016-17 has a built-in 17" LCD screen that supports video resolutions up to 1280 x 1024. You can switch easily between the 16 ports using on-console push buttons, an on-screen display (OSD) or keyboard hot key commands. Multi-level password security can be set up for an administrator and up to 4 local users to ensure only those with authorization can access the connected computers.

This switch controls PS/2 or USB computers/servers using a P774-Series (PS/2) or P776-Series (USB) KVM Cable Kit (one of each is included). An extra HD15 port allows an additional VGA monitor to be connected. Two PS/2 ports also are included on the rear of the unit to allow for connection of a Tripp Lite [B051-000](#) IP Remote Access Unit or an external console. When not in use, the B020-016-17 stores neatly in a rack drawer and pulls out when needed. This KVM console is compatible with all major operating systems (special keys on Mac and Sun keyboards are not supported). Heavy-duty steel housing stands up to frequent use.

Features

Saves Valuable Space and Money

- Combines a 16-port KVM switch, 17" LCD screen, full keyboard and touchpad in a 1U rack-mountable drawer
- Mounts into 19"-wide rack, 24"-37" deep
- Gives you control of up to 16 computers/servers from a single, easily accessible console – ideal when rack space is at a premium
- Flip-up/fold-down screen keeps the console from blocking access to rack equipment when not in use
- Eliminates need to purchase costly separate monitors, keyboards and mice for each computer/server

Highlights

- Occupies just 1U of space in a rack-mountable drawer
- 17" LCD screen supports video resolutions up to 1280 x 1024
- Simplifies IT tasks with easy switching between all 16 ports
- Provides 2-level password security (administrator and user)
- Compatible with all operating systems

System Requirements

- PS/2 or USB computer
- (1) P774-Series (PS/2) or P776-Series (USB) KVM Cable Kit is required for each connected computer/server
- Compatible with all major operating systems (special keys on Mac and Sun keyboards are not supported)
- Power consumption: 120V, 60Hz, 22.8W; 230V, 50Hz, 24W

Package Includes

- B020-016-17 16-Port Console KVM Switch with 17" LCD
- P774-Series 6 ft. PS/2 KVM Cable Kit
- P776-Series 6 ft. USB KVM Cable Kit
- C13 to 5-15P power cord
- RJ11 to DB9 firmware upgrade cable
- Owner's Manual CD



Simplifies IT Tasks

- Switch quickly and easily between the 16 ports via on-console buttons, on-screen display or keyboard hot key commands
- Hot pluggable; add or remove computers without having to power down the switch
- Auto-scan mode automatically sequences through all active ports that are accessible to the user

Large 17" LCD

- Wide display makes multitasking easier
- Supports video resolutions up to 1280 x 1024
- DDC emulation allows the video settings of each computer to be automatically adjusted for optimal output to the LCD

Multi-Level Password Security

- Enhances security by limiting access to an administrator and up to 4 local users
- Two-level log-out allows for manual log-out or automatic log-out after a user-defined period of time has passed

Future Expandability and Long-Lasting Reliability

- Increase the number of connected computers to up to 264 by daisy-chaining up to 31 [B022-U08](#) KVM switches
- Includes additional HD15 VGA monitor port and PS/2 keyboard/mouse ports, so you can connect an external console or a Tripp Lite [B051-000](#) IP Remote Access Unit
- Compatible with all major operating systems for easy integration into your existing structure (special keys on Mac and Sun keyboards are not supported)
- Firmware is easily upgradable with included cable and utility
- Heavy-duty steel housing stands up to frequent use

Specifications

OVERVIEW	
Users	1
Console	Yes
Max CPU	16
Shipping Weight	47.4 lbs.
INPUT	
Nominal Input Voltage(s) Supported	100V AC; 110V AC; 115V AC; 120V AC; 127V AC; 140V AC; 200V AC; 208V AC; 220V AC; 230V AC; 240V AC
Input Frequency	50/60Hz
Input Current	120V (0.8A) / 230V (0.4A)
PHYSICAL	
Unit Dimensions (hwd / in.)	1.75 x 16.75 x 24
Unit Dimensions (hwd / cm)	4.45 x 42.55 x 60.96
Color	Black
LCD Monitor (in.)	17



LCD Monitor (cm)	43.18
ENVIRONMENTAL	
Relative Humidity	0% TO 80% RH
Operating Temperature	32 DEGREES TO 120 DEGREES F
BTUs	(88 BTUs at 120V, 50Hz) / (93 BTUs at 120V, 50Hz)
COMMUNICATIONS	
Port Control	Push Buttons, Hotkeys, OSD
IP Remote Access	No
CONNECTIONS	
Ports	16
Computer/Server Ports	(x16) HD15 (Female)
PC/Server Connections	PS/2; USB; VGA
SPECIAL FEATURES	
Cat5 KVM Switch	No
CERTIFICATIONS	
Certifications	UL 60950-1 (USA), CAN/CSA (Canada), FCC Part 15 Class A, CE, IEC 60950-1
Approvals	UL, cUL, CE, FCC, RoHS
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

© 2017 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>