Tripp Lite
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NetDirector 16-Port DisplayPort KVM Switch Console with 17 in. LCD, Dual Rail, 1U Rack-Mount

MODEL NUMBER: **B030-DP16-17D**







DisplayPort KVM switch allows complete access and control of 16 DisplayPort computers or servers using one monitor, keyboard and mouse.

Features

Connects 16 DisplayPort Computers or Servers to a Single Monitor, Keyboard and Mouse
This NetDirector® DisplayPort KVM switch combines a rack-mountable keyboard, 17-inch LCD, touchpad and 16 DisplayPort inputs into a compact housing that occupies only 1U of rack space. Access, control, boot and reboot up to 16 DisplayPort computers or servers at the same time. No adapters are needed for connecting DisplayPort-enabled equipment.

Saves Valuable Space and Keeps Your Operating Costs Low
All connected DisplayPort computers or servers share a single monitor, keyboard and mouse, which saves space in your rack or workspace. DDC emulation allows each computer's settings to adjust automatically for optimal screen output. Eliminating the cost of buying monitors, adapters, keyboards and mice for all 16 connected devices keeps your TCO (total cost of ownership) low.

17 in. LCD Supports Crystal-Clear 1080p Video
The dual-rail B030-DP16-17D supports high-definition video resolutions up to 1920 x 1080 (1080p) at 60 Hz. The wide display flips up to provide access to connected computers, making multitasking easier and more convenient, and folds down to prevent the console from blocking adjacent rack equipment when not in use. The LCD and the keyboard/touchpad are on separate rails, so the LCD can remain open while the keyboard/touchpad is stored out of the way, keeping the rack aisle clear.

Switching Between Computers Is Fast and Easy
Use the on-console push buttons, keyboard hotkey commands or multi-lingual local console On-Screen Display (OSD) to quickly toggle between connected computers. You can also use the Auto Scan feature to scan all connected computers in five-second intervals automatically. Orange LEDs indicate which computer is currently selected. Computers or servers can be quickly added or removed without having to power down the KVM switch. Also features a USB 1.1 hub port on the front of the console for the connection of a USB peripheral device such as a flash drive or external mouse.

Multi-Level Password Security Keeps Your Private Data Private
Security is enhanced by limiting access to one administrator and no more than four local users. Two-level logout procedure allows you to log out manually or log out automatically after a user-defined period of time has passed.

Highlights

- 17 in. LCD with wide display supports HD video resolutions up to 1920 x 1080 @ 60 Hz
- Dual-rail design allows LCD to stay open while keyboard/touchpad slides into the rack
- Multiple levels of password protection prevent unauthorized access to servers
- Mounts into 1U of rack space with included brackets and user-supplied hardware
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Applications

Access and control up to 16 computers and servers with DisplayPort video ports

System Requirements

- Resolution settings of all connected displays must not exceed 1920 x 1080 @ 60 Hz
- DisplayPort graphics card
- USB keyboard/mouse ports
- Windows, macOS, Linux, UNIX or Novell operating system
- DisplayPort monitor and USB keyboard/mouse (optional external console)

Package Includes

- B030-DP16-17D 16-Port DisplayPort KVM Switch Console
- (2) DisplayPort cables, 6 ft.
- (2) USB 2.0 A/B cables, 6 ft.
- RJ11 firmware upgrade cable
- C13 to NEMA 5-15P power cord
- Grounding wire
- CD with owner's manual
- Quick Start Guide

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Long-Lasting Reliability and Compatibility
This DisplayPort KVM switch mounts easily into 1U of space in an EIA-standard 19-inch rack with the included brackets (Tripp Lite's optional B019-000 – sold separately – allows mounting in a 2-post rack). The B030-DP16-17D is compatible with all major operating systems, including Windows and macOS, for simple integration into your existing structure. Mac/Sun keyboard emulation also is supported. The RJ11 port allows you to upgrade the KVM switch's firmware using the included cable.

TAA-Compliant for GSA Schedule Purchases
The B030-DP16-17D is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Specifications

OVERVIEW	
UPC Code	037332258731
Technology	DisplayPort
VIDEO	
Max Supported Video Resolution	1920 x 1080 (including 1080p) @60Hz
INPUT	
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
Input Frequency	50/60Hz
Input Current	1A
Power Input Receptacle	IEC-320-C14
Redundancy - Dual Power Inputs	No
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	(x16) On Line, (x16) Selected, (x1) Power, (x3) Caps/Num/Scroll Lock, (1) LCD Monitor Power Off
PHYSICAL	
Material of Construction	Metal
Color	Black
Rackmountable	Yes
Shipping Dimensions (hwd / cm)	14.48 x 68.58 x 83.18
Shipping Dimensions (hwd / in.)	5.70 x 27.00 x 32.75
Shipping Weight (kg)	19.64
Shipping Weight (lbs.)	43.30
Unit Dimensions (hwd / in.)	1.73 x 18.90 x 26.77
Unit Packaging Type	Box
Unit Weight (lbs.)	31

Unit Weight (kg)	14.06
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 to 80% RH, Non-Condensing
COMMUNICATIONS	
IP Remote Access	No
CONNECTIONS	
Number of Ports	16
PC/Server Connections	DisplayPort; USB
Side A - Connector 1	(16) DISPLAYPORT (FEMALE)
Side A - Connector 2	(16) USB B (FEMALE)
Side B - Connector 1	DISPLAYPORT (FEMALE)
Side B - Connector 2	(2) USB A (FEMALE)
Side B - Connector 3	RJ11 (FEMALE)
Side B - Connector 4	USB A (FEMALE)
Computer Keyboard and Mouse Interface	USB
Computer Monitor Interface	Displayport
Console Keyboard and Mouse Interface	USB
Console Monitor Interface	Displayport
FEATURES & SPECIFICATIONS	
Number of Users	1
NIAP-Certified Secure	No
On-Screen Display (OSD)	Yes
Port Selection	Hotkey; OSD; Pushbutton
Displayport Specification	1.1
HDCP Specification	1.4
USB Hub Ports	Yes
Number of USB Hub Ports	1
USB Specification	USB 1.1 (up to 12 Mbps)
Cat5 KVM Switch	No

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BUILT-IN CONSOLE	
Console Screen Size (inches)	17
STANDARDS & COMPLIANCE	
Certification & Compliance	RoHS; REACH
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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