

# 48-Port Console Server with USB - Built-In Modem, Dual GbE NIC, 16 Gb Flash, 1U Rack, TAA

MODEL NUMBER: **B096-048**



48-port console server lets you remotely access and control serial-based networking equipment through one highly secure gateway.

## Features

**Access All Your Serial and Network Devices from Anywhere in the World at Any Time** This USB console server provides secure in-band (primary network) and out-of-band (alternate channel) remote access to serial- and network-connected routers, network switches, firewalls, PBX systems, UPS systems, PDUs and other devices. It offers reliable network connectivity with dual Gigabit primary and failover Ethernet ports (the second port can also be used as a gateway port) and dual power supplies. You can use the B096-048 in a wide variety of locations, including wiring closets, branch offices, kiosks, point-of-sale and other remote sites where a quick identification and resolution of network issues is imperative.

**Simple and Flexible Accessibility** The 48 RJ45 ports are configured to use standard Cat5e/6 patch cable when connecting to Cisco devices. They integrate with industry-standard directory servers using TACACS+, RADIUS, LDAP and Kerberos authentication. 16 Gb of internal NAND flash memory can be used for log storage and file storage.

**Built-In V.92 Modem for Out-of-Band Access** A serial data/fax modem enables 3G cellular out-of-band (alternate channel) access when remote sites experience a network outage. You can dial into the rack console from anywhere at any time, eliminating the costly need for additional USB modems that can be accidentally disconnected or have compatibility issues. However, if desired, you may connect one of the RJ45 ports to an external Multitech MT9234MU-CDC-XR or US Robotics USR5637 USB modem (not included) to receive out-of-band access.

**Router/Gateway** Each gateway can port forward to an unlimited number of locally networked hosts (computers, routers). This rack console also includes a built-in stateful firewall and embedded DHCP server to host a separate management LAN for critical traffic.

**The Utmost in Security to Keep Your Sensitive Data Private** This 48-port console server supports the following security features and standards: FIPS 140-2, SSL and SSH, stateful firewall, OpenVPN and IPSec VPN. The embedded FIPS 140-2 OpenSSL cryptographic module is validated to meet FIPS 140-2 standards and has received Certificate #1051.

**PowerMan PDU and UPS Support** This IP terminal server uses PowerMan for PDU and RPC management and Network UPS Tools for UPS system monitoring and management. It provides support for Tripp Lite and other power products, so you can remotely manage power to your connected

## Highlights

- Manage routers, UPS systems and other serial-based equipment from anywhere 24/7
- Validated to meet FIPS 140-2 standards to ensure utmost protection of private data
- Dual 10/100 Ethernet ports for primary network connection and automatic failover
- Advanced authentication with LDAP, RADIUS, TACACS+ and Kerberos servers
- USB ports connect to PDUs and UPS systems with remote management abilities

## Applications

- Securely access and control servers, routers, KVM switches and other serial-connected devices in your data center 24/7
- Manage diverse server and device platforms using a network connection
- Diagnose and fix issues with your IT infrastructure remotely with little or no downtime
- Troubleshoot equipment issues without spending time/money traveling to remote locations

## Package Includes

- B096-048 48-Port Serial Server with USB
- (2) Cat5 patch cables, 6 ft.
- DB9 to RJ45 straight connector
- DB9 to RJ45 crossover connector
- (2) C13 to NEMA 5-15P power cords, 6 ft.
- Rack-mounting hardware
- CD with owner's manual
- Quick Start Guide



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equipment.

**USB Ports** Two USB 2.0 ports and one USB 1.0 port allow connection to newer devices with USB ports, such as Tripp Lite's wide variety of PDUs and UPS systems with WEBCARDLX or other LX Platform remote management cards.

**Compact Design for Convenient Mounting** The heavy-duty steel housing comes with mounting brackets for 1U installation in an EIA-standard 19-inch rack.

**TAA-Compliant for GSA Schedule Purchases** The B096-048 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	037332148919
Multi-User	Yes
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
Maximum Input Amps	0.8
Input Connection Type	2 x IEC-320-C14, Auto-Switching 100-240VAC
Input Frequency	50/60HZ
Input Current	120V (0.11A) / 230V (0.06A)
POWER	
Power Consumption (Watts)	20
CONNECTIONS	
Number of Ports	48
PHYSICAL	
Color	Black
Shipping Dimensions (hwd / in.)	3.50 x 19.60 x 16.10
Shipping Dimensions (hwd / cm)	8.89 x 49.78 x 40.89
Shipping Weight (lbs.)	11.10
Shipping Weight (kg)	5.03
Unit Dimensions (hwd / in.)	1.750 x 17.400 x 12.500
Unit Dimensions (hwd / cm)	4.445 x 44.2 x 31.75
Unit Weight (lbs.)	8.70
Unit Weight (kg)	3.95



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ENVIRONMENTAL	
Storage Temperature Range	Non operating storage temperature: -30C to +60C (-20F to +140F)
Relative Humidity	Humidity: 5% to 90%
Operating Temperature	Ambient operating temperature: 5C to 50C (41F to 122F)
BTUs	120V: 68 BTU per hour
COMMUNICATIONS	
IP Remote Access	Yes
Network Compatibility	100 Mbps (Fast Ethernet)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	4-year limited warranty

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