

## 8-Port Serial Console Server with Built-In Modem, Dual GbE NIC, 4Gb Flash and Dual SIM

MODEL NUMBER: **B093-008-2E4U-M**



Rack console for remotely accessing and controlling serial-based networking equipment through one highly secure gateway.

### Features

#### Access All Your Serial and Network Devices from Anywhere in the World

The B093-008-2E4U-M 8-port 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 for redundancy. You can use it in a wide variety of applications, including wiring closets, branch offices, point-of-sale and other remote sites where quick resolution of network issues is imperative.

#### Simple and Flexible Accessibility

Eight serial RS-232 console 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. Provides 4Gb of internal NAND flash memory.

#### Built-In PSTN Modem for Out-of-Band Access

A V.92 serial data/fax modem enables 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.

#### 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

The B093-008-2E4U-M supports the following security features and standards: PCI DSS 3.2, FIPS 140-2, SSL and SSH, stateful firewall, OpenVPN and IPSec VPN support. The embedded FIPS 140-2 OpenSSL cryptographic module is validated to meet FIPS 140-2 standards and has received Certificate #2473.

#### PowerMan PDU and UPS Support

This 8-port console 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

### Highlights

- Manage routers, UPS systems and other serial-based equipment from anywhere at any time 24/7
- Built-in V.92 serial data/fax modem provides out-of-band remote access
- Dual Gigabit Ethernet ports for primary network connection and automatic failover
- Designed for standard Cat5e/6 patch cable when connecting to Cisco devices
- Easy installation on desktop or 19 in. racks using included mounting hardware

### 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
- Oversee IT infrastructure remotely via network
- Troubleshoot equipment issues without spending time/money traveling to remote locations

### Package Includes

- B093-008-2E4U-M 8-Port Serial Console Server with Built-In Modem, Dual GbE NIC, 4Gb Flash and Dual SIM
- Terminal block
- DB9F to RJ45 crossover serial



you can remotely manage power to your connected equipment.

**USB Console and Digital I/O (DIO) Ports**

Four USB 2.0 console ports allow connection to newer devices with USB console ports, such as Tripp Lite’s wide variety of PDUs and UPS systems with WEBCARDLX and LX Platform remote management cards. Two DIO ports are included for connecting compatible devices, such as drive relays and alarms.

**Compact Design for Convenient Mounting**

The heavy-duty steel housing comes with mounting brackets for easy installation in an EIA-standard 19-inch rack. Its fanless form factor also allows desktop deployment on four included rubber feet that help prevent the unit from sliding.

**TAA-Compliant for GSA Schedule Purchases**

This serial console server is compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases.

**4-Year Warranty and Environmentally Responsible Design**

The B093-008-2E4U-M comes with a 4-year warranty. It’s manufactured in compliance with strict RoHS specifications, reflecting Tripp Lite’s commitment to environmental responsibility.

adapter

- External power supply w/4 ft. cord (Input: 100–240V, 50/60 Hz, 0.4A; Output: 12V 1.25A)
- (4) International plug adapters (North America, Europe, U.K., Australia)
- Rack-mounting hardware
- (4) Rubber feet
- Quick Start Guide

## Specifications

OVERVIEW	
Multi-User	Yes
INPUT	
Voltage Compatibility (VAC)	100; 110; 120; 127; 200; 208; 220; 230; 240
External Power Supply Input Specs (V / Hz / A)	100-240V/ 50/60Hz / 0.4A
External Power Supply Output Specs (V / A)	12V / 1.25A
External Power Supply Cord Length (ft.)	4.0
External Power Supply Cord Length (m.)	1.0
External Power Supply Plug(s)	NEMA 1-15P North America; CEE 7/16 Schuko; BS 1363 UK; AS/NZS 3112 Australia
External Power Supply Certifications	CE; FCC; UL; cUL; TUV; PSE; C-Tick; GS; RoHS; CB
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	7 LED's for Power, Heartbeat-Firmware Running, Serial Connectivity and Network Ports
PHYSICAL	
Shipping Dimensions (hwd / in.)	4.200 x 7.000 x 9.300
Shipping Dimensions (hwd / cm)	10.67 x 17.78 x 23.62
Shipping Weight (lbs.)	2.6000
Shipping Weight (kg)	1.18



Unit Packaging Type	Box
Unit Dimensions (hwd / in.)	1.4 x 5.1 x 4.7
Unit Dimensions (hwd / cm)	3.556 x 16.51 x 10.16
Unit Weight (lbs.)	1.30
Unit Weight (kg)	0.59
Material of Construction	Metal
Color	Black
Rackmountable	Yes
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	-13 to 140 F (-25 to 60 C)
Storage Temperature Range	-40 to 167 F (-40 to 75 C)
Relative Humidity	5% to 90% RH, Non-Condensing
BTUs	39.2 BTU/Hr
Power Consumption (Watts)	11.5
<b>COMMUNICATIONS</b>	
IP Remote Access	Yes
Network Speed	1Gbps
IEEE Standards Supported	802.3; 802.3ab; 802.3ad
<b>CONNECTIONS</b>	
Ports	8
Side A - Connector 1	RJ11 (FEMALE); (2) RJ45 (FEMALE); (2) SFP+ (FEMALE)
Side B - Connector 1	(8) RJ45 (FEMALE); (4) USB A (FEMALE)
<b>FEATURES &amp; SPECIFICATIONS</b>	
Port Selection	GUI
USB Specification	USB 2.0 (up to 480 Mbps)
Driver Required	No
Authentication Supported	RADIUS; LDAP; TACACS
Common Access Card (CAC) Support	No
<b>CERTIFICATIONS</b>	
Certifications	Tested to CE, FCC, UL, TUV, C-Tick, RoHS, REACH
<b>WARRANTY</b>	



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Product Warranty Period (Worldwide)	4-year limited warranty
<b>(ENG) Remote Access</b>	
Modem Port (Y/N)	Yes

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