



Tripp Lite
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Model #: B096-048

48-Port Serial Console / Terminal Server Management Switch

Highlights

- Dual Ethernet, Dual Power Supply, and Built-In Modem
- Secure in-band and out-of-band access
- Manage all equipment in the rack: servers, UPS, routers, switches, etc
- LINUX with source code access allows custom scripts
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases
- Made in the USA
- 2 Year Limited Warranty



Description

Tripp Lite's B096-048 is the most advanced console / terminal server platform available today. In one secure appliance, it offers an in-band and out-of-band management solution for serial console ports, servers, virtual servers, service processors, UPS & PDU's, environmental monitoring and more. This 48 port console server management switch enables system administrators to securely access and control their data centers and networks from anywhere in the world. And this enterprise level unit is equipped with a built in modem, dual Ethernet, dual AC power, 2 gigs USB flash and runs on Linux for scalability and reduced downtime.

The B096-048 offers advanced software features that surpass the requirements of even the most demanding applications. These features include Network UPS Tools for UPS monitoring, PowerMan for integrated PDU and RPS functions with in session hotkey support, Pattern match alerting, Open access to the Linux shell for scripting, heartbeat monitoring with automatic failover, Cisco pinouts and much more. Available in 16 and 48 port models, the B096 family of Console Servers are the perfect fit for in or out of band access to vital IT assets.

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Package Includes

- B096-048, 48-Port IP Console Server Management Switch
- Rackmount hardware
- 2 x 6-ft, Cat5e Patch cables
- 1 x DB9F - RJ45 Crossover Adapter
- 1 x DB9F - RJ45 Straight-Through Adapter
- 2 x 6-ft, 5-15P to C13 Power cable

Features

- Built in modem for out-of-band dial-in access
- 2 Gigabyte local FTP/TFTP storage for device configuration files
- IPsec VPN support
- Secure Shell (SSH V2 and V3)
- TACACS+ , RADIUS and LDAP authentication
- PAP/CHAP authentication (dial up)
- Local authentication

- System event syslog
- SSH port and IP forwarding support
- IP packet filtering
- Break over SSH support
- Port triggers with SMNP and email alerts
- Offline data logging (Syslog, NFS, CIFS)
- Online data buffering and logging
- Multiple users per port (with port sniffing)
- Telnet/SSH/Raw TCP connect
- RFC 2217 - Port Redirection
- Integrated AJAX serial console and system terminal via web interface
- Native IPMI 1.5 and 2.0 (RMCP/RMCP+) support for BMC and service processor access and control
- Service processor access (IPMI, ILO, LOM and more)
- Access to KVM built in to service processors (DRAC, RSA)
- Limit user access by LAN device and SDT service for that device
- Port triggers with SMNP and email alerts for all tunnel traffic
- Each gateway can port forward to an unlimited number of locally networked hosts (computers, routers)
- Embedded DHCP server for management LAN devices
- Network UPS Tools for UPS Monitoring and Management
- PowerMan for PDU and RPS Management
- Command Line interface (Linux Shell)
- NAGIOS distributed monitoring
- Out-of-band (dial-up modem access) included - V.92 Serial Data/Fax Embedded Modem 3.3V Model, 14.4K Fax
- Linux with source code access
- Constructed of heavy-duty steel housing
- 2 year limited warranty

Specifications

OVERVIEW	
IP Remote Access	YES, BUILT IN
INPUT	
Maximum Input Amps (A)	0.8
Input connection type	2 x IEC-320-C14, Auto-Switching 100-240VAC
PHYSICAL	
Unit weight (lbs)	8.50
Color	Black
ENVIRONMENTAL	
Relative Humidity	Humidity: 5% to 90%
Operating Temperature	Ambient operating temperature: 5C to 50C (41F to 122F)
Storage Temperature	Non operating storage temperature: -30C to +60C (-20F to +140F)
BTUs	120V: 68 BTU per hour
Power Consumption (Watts)	120V: 20 Watts
CONNECTIONS	
Ports	48
Other Ports - Port 1	1 x DB-9 RS-232 local console and modem serial port (2400 to 115,200 bps)
Other Ports - Port 2	1 RJ-11 modem port
Other Ports - Port 3	2 x RJ-45 10/100Base-T Ethernet port

Other Ports - Port 4	1 USB port
Other Ports - Port 5	2 x C14 Power Ports, 100-240V AC
CERTIFICATIONS	
Approvals	FCC Part 15 A, UL 1950, CE (EN55022 A, EN55024, EN60950), TUV, C-Tick
WARRANTY	
Product Warranty Period (U.S., Canada & Puerto Rico)	2-year limited warranty

Related Items

Required Products

Product Type	Related Model	Description	Qty.
Console Server Accessories	B090-A9F	DB9F - RJ45 Modular Serial Adapter	1
Console Server Accessories	B090-A9F-X	DB9F - RJ45 Modular Serial Adapter	1
Console Server Accessories	B090-A9M	DB9M - RJ45 Modular Serial Adapter	1

Optional Products

Product Type	Related Model	Description	Qty.
Console Servers	B092-016	16-Port Serial Console / Terminal Server with Built-in PowerAlert and KVM inputs	1
Console Servers	B095-003-1E-M	3 Port IP Serial Console / Terminal Server Built-in Modem	1
Console Servers	B095-004-1E	4 Port IP Serial Console / Terminal Server	1
Console Servers	B096-016	16-Port Serial Console / Terminal Server Management Switch	1
Network Cables	N001-005-BK	5-ft. Cat5e 350MHz Snagless Molded Cable (RJ45 M/M) - Black	1
Network Cables	N001-007-BK	7-ft. Cat5e 350MHz Snagless Molded Cable (RJ45 M/M) - Black	1
Network Cables	N001-010-BK	10-ft. Cat5e 350MHz Snagless Molded Cable (RJ45 M/M) - Black	1
Network Cables	N001-014-BK	14-ft. Cat5e 350MHz Snagless Molded Cable (RJ45 M/M) - Black	1
Network Cables	N001-025-BK	25-ft. Cat5e 350MHz Snagless Molded Cable (RJ45 M/M) - Black	1
Network Cables	N201-005-BK	5-ft. Cat6 Gigabit Snagless Molded Patch Cable (RJ45 M/M) - Black	1
Network Cables	N201-007-BK	7-ft. Cat6 Gigabit Snagless Molded Patch Cable (RJ45 M/M) - Black	1
Network Cables	N201-010-BK	10-ft. Cat6 Gigabit Snagless Molded Patch Cable (RJ45 M/M) - Black	1
Network Cables	N201-014-BK	14-ft. Cat6 Gigabit Snagless Molded Patch Cable (RJ45 M/M) - Black	1
Network Cables	N201-025-BK	25-ft. Cat6 Gigabit Snagless Molded Patch Cable (RJ45 M/M) - Black	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?txtModelID=4308.

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