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Model #: B092-016

16-Port Serial Console Server with Built-in PowerAlert and KVM inputs

Highlights

- Built-in PowerAlert Power Management Software
- Secure In-band and Out-of-band access for a host of network devices
- Manage all equipment in the Rack: Servers, UPS, PDU, Routers, Switches, Firewalls, etc
- LINUX with access to the Source Code for Custom Scripts
- Prewired for use with Cisco equipment
- Access console server over the network or via a local Console/KVM switch
- Flash drive stores off-line logs or Config Files
- Modem Port for optional Modem Access
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases



Description

Tripp Lite's B092-016 Console Server with PowerAlert will let you manage all the equipment in your data center or computer room. This can be done either remotely or right from the rack itself.

Manage your computers at the service processor level (IPMI, SoL, web browser), operating system level (Windows, Linux, VMWare) and right up to the applications layers (RDP, VNC, HTTP).

Use any of the 4 USB ports or 16 serial ports to control your UPS systems and PDU switches, manage the serial consoles on your routers as well as the web browser network ports on your firewalls and other devices. This local access to all the consoles gives you complete control over the entire headed and headless infrastructure in your racks.

Full in-band and out-of-band connection provides you 24/7 access to monitor and control all your equipment, either right from the rack and from a remote site via your browser or an SDT Connector client.

With this enhanced ability to monitor all devices in the rack and spot problems with servers, storage networking or power equipment, you will minimize the time and cost to diagnose and fix problems. Your maintenance costs will be reduced and your data center and NOC uptime and service levels will be improved.

You will be able to customize your monitoring and alert capabilities as well as your alarm management. You will also be able to maintain extensive logs. The SDT for Nagios-support provides an even more sophisticated and comprehensive alarm and notification mechanism with escalation rules to alert you of breached thresholds and potential problems. You can monitor network services (SMTP, POP3, HTTP, NNTP, ICMP, SNMP, FTP,

SSH), host resources (processor load, disk usage, system logs) and probes (temperature, alarms...) with automatic alerts for defined system events sent via e-mail, SNMP and SMS to mitigate system and network disasters.

Auditing and tracking of all access helps your organization conform to mandatory compliance requirements like Sarbanes-Oxley, GLBA and HIPAA.

Remote management access to the B092-016 (using browsers, VNC, RDP, SSH, Telnet) is securely tunneled with strong selectable encryption (3DES, Blowfish, AES, Arcfour) and flexible authentication (Public Key, One-Time Password, Kerberos, LDAP, TACACS) and access control (trusted networks, dial back, restricted user access zones).

For Government Purchasers, B092-016 is Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Package Includes

- B092-016, 16-Port IP Console Server w/PowerAlert
- Rackmount hardware
- 2 x 6ft, Cat5e Patch cables
- 1 x DB9F - RJ45 Crossover Adapter
- 1 x DB9F - RJ45 Straight-Through Adapter
- 1 x 6ft, 5-15P to C13 Power cable
- CD with Manual

Features

LAN Device Management:

- Remote Desktop (RDP) access to Windows XP/Vista/2003/Terminal Services
- VNC access to Sun/Windows /Linux computers
- ICA access to Citrix
- Firefox HTTP(S) access to browser controlled appliances with Java support (SUN JRE)
- Native IPMI 1.5 and 2.0 (RMCP/RMCP+) support for BMC and service processor access and control
- Secure SOL (Serial over LAN) access to BIOS, EMS and ACS
- Service processor access (IPMI, ILO, LOM and more)
- Access to KVM built in to service processors (DRAC, RSA)
- SSH and Telnet access
- Embedded FIPS140-2 cryptographic module, Certificate #1051
- IP SEC VPN and Secure Shell (SSH V2 and V3).

Serial Console Port Management:

- Windows 2003 Server ACS and EMS support
- SUN / Solaris ready (no inadvertent breaks)
- 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)
- Access by TCP port
- Telnet/SSH/Raw TCP connect
- RFC 2217 - port redirection

Security and Authentication:

- Secure Shell (SSH V2 and V3)
- TACACS+ , RADIUS and LDAP authentication

- PAP/CHAP authentication (dial up) and dial back
- Local authentication
- System event syslog
- SSH port and IP forwarding support
- IP packet filtering
- Unlimited user accounts

SDTConnector Remote Clients:

- Easy for the end user to install with point and click operation
- Simple for the administrator to configure and manager
- Failover to out-of-band connection
- Runs on any OS with JRE 1.4.2 or later (Windows, Linux, UNIX, Solaris, Mac OS, X)
- SSH tunnels provide out-of-band access to network console ports
- Specify custom tunneled services using arbitrary TCP/UDP port numbers and client applications
- Strong Encryption (3DES, Blowfish, AES, Arcfour)
- Strong Authentication (Public Key, One-Time Password, Kerberos)

Other Protocols Supported:

- NUT for UPS power management
- DHCP server and client for dynamic IP assignment
- NTP for time synchronization
- PPP for dial up access

Software and Upgrades:

- Flash upgradeable
- HTTP, FTP, TFTP client for file transfer
- Linux with source code access
- Custom development kit

Specifications

OVERVIEW	
Warranty	4 Year LTD
IP Remote Access	YES, BUILT IN
INPUT	
Input connection type	IEC-320-C14, Auto-Switching 100-240VAC
PHYSICAL	
Unit weight (lbs)	8.50
Mounting accessories included	Yes
Color	Black
ENVIRONMENTAL	
Relative Humidity	5% to 90%
Operating Temperature	41F to 122F (5C to 50C)
Storage Temperature	-20F to +140F (-30C to +60C)
CONNECTIONS	
Ports	16 x RJ45
Local Console Ports - Port 3	PS/2 x 2

Local Console Ports - Port 4	HD15 VGA
Other Ports - Port 1	DB9 Male (Modem)
Other Ports - Port 2	USB x 2
Remote Console Port	RJ45 10/100 Ethernet
CERTIFICATIONS	
Approvals	FCC Part 15 A, UL 1950, CE (EN55022 A, EN55024, EN60950), TUV, C-Tick

Related Items

Required Products

Product Type	Related Model	Description	Qty.
Cables and Accessories	B090-A9F	DB9F - RJ45 Modular Serial Adapter	1
Cables and Accessories	B090-A9F-X	DB9F - RJ45 Modular Serial Adapter	1
Cables and Accessories	B090-A9M	DB9M - RJ45 Modular Serial Adapter	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=4306.