

# GB-1500 Firewall Appliance

## Features

- hardware VPN acceleration
- four 10/100 Ethernet ports
- ICSA-certified GNAT Box System Software
- unrestricted concurrent users
- user authentication
- DHCP client and server
- DNS proxy and server
- secure email proxy (SMTP)
- SNMP
- PPP/PPPoE/PPTP
- local content list (LCL) filtering
- secure remote management
- stateful packet inspection
- time-based filters
- transparent NAT (network address translation)
- two RS-232 serial console interfaces

## Optional Features

- Mail Sentinel™ Anti-Spam email filtering
- Surf Sentinel® web content filtering
- H<sub>2</sub>A High Availability
- additional mobile VPN client licenses
- support contracts

## Feature Specifications

- mobile VPN client licenses 1
- concurrent connections 128,000
- PPP configurations 5
- IP aliases 300
- IP pass-through hosts 300
- filters (each kind) 400
- tunnels 300
- address objects 600
- alias maps 300
- static routes 300
- time groups 100
- access control lists (ACL) 300
- local content list (LCL) filters 250
- protocols 255

## Supported Software

- GTA Reporting Suite™ (firewall log reporting)
- GB-Commander® (firewall management)

## Hardware Specifications

<i>Dimensions</i>	1.75" x 9" x 17" (4.445 cm x 22.86 cm x 43.18 cm)
<i>Weight</i>	8 lbs (3.63 kg)

## Power Specifications

MTBF (Mean Time Between Failure) Minimum: 150,000 hrs.

<i>Input Voltage</i>	<i>Input Frequency</i>
95-135 or 180-265 VAC (Auto-switching)	47-63 Hz

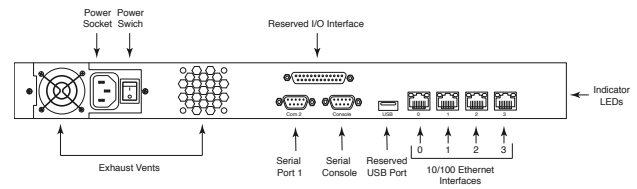
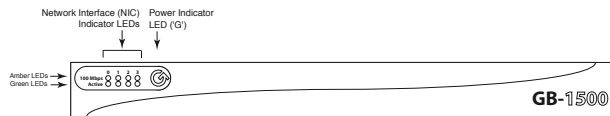
## Operational Specifications

<i>Temperature</i>	50° to 122° F (10° to 50° C)
<i>Relative Humidity</i>	10% to 80%, non-condens- ing
<i>Elevation</i>	0 to 10,000 ft. (0 to 3,048 m)

## Memory and CPU Specifications

<i>CPU</i>	1.4 GHz Intel Celeron
<i>Memory</i>	256 MB SDRAM
<i>Flash Memory</i>	64 MB Type 1 Compact Flash





## Hardware Design

The GB-1500 chassis is a 1 RU rack-mount unit. It has four high speed 10/100 Mbps Ethernet interfaces to ensure high performance and network design flexibility, and two RS-232 serial interfaces to provide access for a serial console and a dial-up modem/ISDN TA. Flash memory stores and runs the pre-installed GNAT Box System Software.

### Caution

At least 6" should be provided behind the system to allow efficient cooling. Inadequate clearance can cause the system to overheat.

### Warning

There are no user serviceable parts in the GB-1500. Opening the unit will void the warranty on the system, and may cause injury.

## I/O Interface Specifications

- Four (4) 10/100 Mbps Ethernet 10Base-T network interfaces on UTP Cat. 3, 4 and 5, and fast Ethernet 100Base-TX network interfaces on UTP Cat. 5. NIC 0 is factory set to IP address 192.168.71.254 .
- Two (2) RS-232 (DB-9) serial interfaces  
The serial console / modem port should be set to 38,400 bps, 8 bit, 1 stop, no parity and flow control to hardware.

## LED Status Indicators

### Front Panel LEDs

<i>Power LED</i>	When the firewall is powered up, the red Power LED (GTA logo) on the left side of the front panel will be lit.
<i>Activity/Link LED</i>	When a connection is established, the green Activity/Link LED will light. When data is being transmitted or received, the green Activity/Link LED will flash.
<i>100 Mbps LED</i>	When a 100 Mbps connection has been established, the amber 100 Mbps LED will light.

### Back Panel LEDs

<i>Activity/Link LED</i>	When a connection is established, the green Activity/Link LED will light. When data is being transmitted or received, the green Activity/Link LED will flash.
<i>10/100 Mbps LED</i>	The 10/100 Mbps LED on the right side of each interface indicates connection speed. It will remain unlit for a 10 Mbps connection, but will light for a 100 Mbps connection.

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