

GB-750 Firewall Appliance

50 User Version

Features

- hardware VPN acceleration
- three 10/100 Ethernet ports
- ICSA-certified GNAT Box System Software
- 50 concurrent users (upgradeable to unrestricted)
- 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
- H₂A High Availability
- additional mobile VPN client licenses
- support contracts

Feature Specifications

• mobile VPN client licenses	1
• concurrent connections	20,000
• PPP configurations	5
• IP aliases	50
• IP pass-through hosts	100
• filters (each kind)	200
• tunnels	100
• address objects	150
• alias maps	100
• static routes	100
• time groups	100
• access control lists (ACL)	100
• local content list (LCL) filters	75
• protocols	255

Supported Software

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

Hardware Specifications

<i>Dimensions</i>	1.75" x 9" x 19" (4.45 cm x 22.7 cm x 48.25 cm)
<i>Weight</i>	8 lbs (3.63 kg)

Power Specifications

MTBF (Mean Time Between Failure) Minimum: 300,000 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>	32° to 104° F (0° to 40° C)
<i>Relative Humidity</i>	10% to 90%, non-condensing

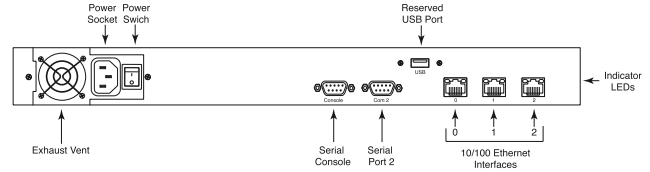
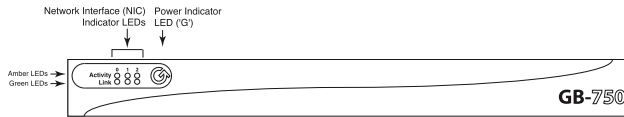
Memory and CPU Specifications

<i>CPU</i>	733 MHz VIA C3
<i>Memory</i>	128 MB SDRAM
<i>Flash Memory</i>	64 MB Type 1 Compact Flash



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Hardware Specification



Hardware Design

The GB-750 chassis is a 1 RU rack-mount unit. It has three 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-750. Opening the unit will void the warranty on the system, and may cause injury.

I/O Interface Specifications

- Three (3) 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 LED</i>	When data is being transmitted or received, the amber Activity LED will flash. When there is no activity on the link, the LED will not light.
<i>Link LED</i>	The green Link LED will light up when the Ethernet interface has established a good connection.

Back Panel LEDs

<i>Activity LED</i>	The LED on the left side of each interface indicates activity. It will blink green when data is transmitted or received.
<i>Link LED</i>	The LED on the right side of each interface indicates connectivity. Amber illumination indicates that a good connection has been established.

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