

# GB-3000 Firewall Appliance

## Features

- Two 10/100 Ethernet ports
- Two 10/100/1000 Gigabit Ethernet ports
- Dual redundant power supplies
- ICSA-certified GB-OS
- Unrestricted concurrent users
- User authentication
- DHCP server
- DNS server
- Secure email proxy (SMTP)
- SNMP
- PPP / PPPoE / PPTP
- Local content list (LCL) filtering
- Secure remote management
- Stateful packet inspection
- Time-based security policies
- Transparent NAT (network address translation)
- Two USB interfaces

## Optional Features

- Mail Sentinel™ Anti-Virus email filtering
- Mail Sentinel™ Anti-Spam email filtering
- Surf Sentinel® web content filtering
- Additional Mobile VPN Client licenses
- Support contracts

## Feature Specifications

• Concurrent connections	512,000
• Mobile VPN Client licenses	1
• PPP configurations	5
• IP aliases	1,024
• IP pass-through hosts	300
• Policies (each kind)	12,500
• Tunnels	1,024
• Address objects	1,024
• Static NAT maps	300
• Static routes	1,024
• Time groups	256
• Local content lists (LCL)	250
• Protocols	255
• VPN security associations	10,000
• Mobile VPN users (max concurrent)	7,500
• VLANs	4,096

## Supported Software

- GTA Reporting Suite™ 2.0 (firewall log reporting)
- GB Commander® (firewall management)

## Expansion Options

- Four Port 10/100/1000 Expansion Module
- Four Port Gigabit SPF (MiniGBIC) Expansion Module

## Hardware Specifications

<i>Dimensions</i>	17.44" x 20.4" x 3.46" (443mm x 510mm x 88 mm)
<i>Weight</i>	20 lbs (9.07 kg)

## Power Specifications

<i>Input Voltage</i>	<i>Input Frequency</i>
100-240 VAC	47-63 Hz

## Storage Specifications

<i>Temperature</i>	32° to 158° F (0° to 70° C)
<i>Relative Humidity</i>	20% to 90%, non-condensing

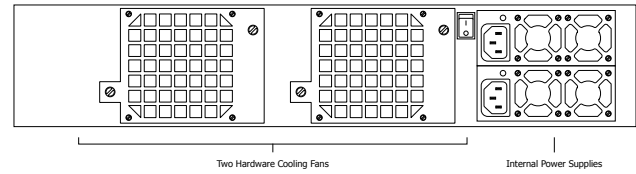
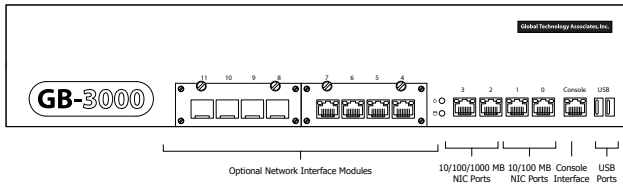
## Operational Specifications

<i>Temperature</i>	41° to 104° F (5° to 40° C)
<i>Relative Humidity</i>	20% to 90%, non-condensing

## Memory and CPU Specifications

<i>CPU</i>	3.2 GHz Intel Xeon
<i>Memory</i>	1 GB DDR2 RAM
<i>Flash Memory</i>	1 GB Type 1 Compact Flash

\*Specifications subject to change without notice.



## Hardware Design

The GB-3000 chassis is a 2-RU unit designed to minimize heat buildup with two cooling fans. It has two 10/100 Mbps Ethernet interfaces and two 10/100/1000 Mbps Gigabit Ethernet interfaces to ensure high performance and network design flexibility. Flash memory stores and runs the pre-installed GB-OS. Power is supplied by the hot-swappable dual redundant power supplies.

### 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 in the GB-3000. Opening the unit will void the warranty on the system, and may cause injury.

### Warning

Expansion modules are not hot-swappable.

## I/O Interface Specifications

- Two (2) 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) 10/100/1000 Mbps Gigabit Ethernet 1000Base-TX network interfaces on UTP Cat. 3, 4 and 5, fast Ethernet 100Base-TX network interfaces on UTP Cat. 5 and 1000Base-TX network interfaces on Cat. 5e and Cat. 6.
- Two (2) USB interfaces
- Two (2) expansion modules

## LED Status Indicators

### Front Panel LEDs

<i>Power LED</i>	When the firewall is powered up, the green Power LED on the front panel will be lit.
<i>Disk LED</i>	The red LED will light when the Compact Flash disk is accessed.

### 10/100 and 10/100/1000 Ethernet Port LEDs

<i>10/100 LED &amp; 10/100/1000 LED</i>	The LED will remain unlit if a 10 Mbps connection is established; it will light green if a 100 Mbps connection is established. If a 1000 Mbps connection is to a 10/100/1000 Ethernet port, the LED will light orange.  Each 10/100 LED or 10/100/1000 LED is located on the right of the associated Ethernet connector.
<i>Link/Activity LED</i>	The green LED will light and remain solid when an Ethernet connection is established; it will blink when activity occurs over that connection.  Each Link/Activity LED is located on the left of the associated Ethernet connector.

### MiniGBIC Ethernet Port LED

<i>LED</i>	The LED will remain unlit if no connection is established; it will light green if a Mbps connection is established.  Each LED is labeled and is located either to the left or right of the expansion module.
------------	--

© 2006 Global Technology Associates, Inc. sales@gta.com