

## Feature Specifications

|  |              |
|--|--------------|
| Concurrent Users                         | Unrestricted |
| Concurrent Connections                   | 128,000      |
| PPP Configurations                       | 5            |
| Tunnels                                  | 300          |
| Static Routes                            | 300          |
| Security Policies (each kind)            | 400          |
| Protocols                                | 255          |
| IP Aliases                               | 300          |
| IP Pass-through Hosts                    | 300          |
| Address Objects                          | 600          |
| Time Group Objects                       | 100          |
| VPN Security Associations                | 250*         |
| VPN Users (maximum non-concurrent)       | 750          |
| Mobile VPN Users (maximum concurrent)    | 100*         |
| Mobile IPsec Client, PPTP, L2TP Licenses | 2            |
| GTA SSL Client Licenses                  | 2            |
| VLANs                                    | 300          |

\*With VPN Acceleration, VPN Security Associations equals 600 and Mobile VPN Users (maximum concurrent) equals 300

## Hardware Specifications

|                           |                     |
|---------------------------|---------------------|
| CPU Speed                 | 2.0 GHz             |
| RAM & Flash Memory        | 256 MB RAM, 2 GB CF |
| USB Ports                 | Two (2)             |
| 10/100 Ethernet NICs      | Six (6)             |
| Maximum Ethernet NICs     | Ten (10)            |
| VPN Hardware Acceleration | PCI (Optional)      |
| Power Supply              | One (1)             |

## Physical Specifications

|                        |                           |
|------------------------|---------------------------|
| Width x Depth x Height | 16.87" x 14.17" x 1.73"   |
| Weight                 | 12.5 lbs (5.76 kg)        |
| Operating Temperature  | 5-40° C                   |
| Humidity               | 20-90% RH, Non-condensing |
| AC Input Voltage       | 110-240 VAC/50-60 Hz      |
| Rack Mountable         | 1-RU Unit                 |

## I/O Interface Specifications

- Six (6) 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.
- Two (2) USB ports.
- Two (2) PCI expansion slots.

## Hardware Design

The GB-2000X chassis is a 1-RU rack-mount unit designed to minimize heat buildup with two cooling fans. It has six high speed 10/100 Mbps Ethernet interfaces to ensure high performance and network design flexibility, two multifunction DB-9 serial interfaces to provide access for a serial console or dial-up modem/ISDN TA, and two USB ports. Flash memory stores and runs the pre-installed GB-OS. PCI expansion slots allow for optional expansion cards. Power is supplied by a power cable. A reboot may be triggered using the "Reset" pinhole.

## LED Status Indicators

| Front Panel LEDs   |  |
|--------------------|--|
| Power LED          | Lights green when powered up   |
| Disk LED           | Blinks red when flash memory is accessed                                 |
| 10/100 LEDs        | Lights green for a 100 Mbps connection<br>Unlit for a 10 Mbps connection |
| Link/Activity LEDs | Lights green for an established connection<br>Blinks green for activity  |

### 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-2000X. Opening the unit will void the warranty on the system, and may cause injury.

## Expansion Options

- **TWO Port 10/100/1000 Expansion Card**
- **Four Port 10/100 Expansion Card**
- **Hardware VPN Acceleration Card**

## Optional Features

- **Mail Sentinel Anti-Spam** (email filtering)
- **Mail Sentinel Anti-Virus** (email filtering)
- **Surf Sentinel** (web content filtering)
- **H2A - High Availability**
- **Additional GTA Mobile IPsec VPN Client Licenses**
- **Additional GTA SSL Client Licenses**
- **Support Contracts** (including IPS policy updates w/GB-OS 5.0 and above)

