

## 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	600
VPN Users (maximum non-concurrent)	750
Mobile VPN Users (maximum concurrent)	300
GTA Mobile VPN Client Licenses	1
VLANs	300

## Hardware Design

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

### 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-2000e. 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.
- Two (2) USB ports.

## Hardware Specifications

CPU Speed	2.0 GHz Intel Celeron
RAM & Flash Memory	256 MB RAM, 1 GB CF
Standard 10/100 Ethernet NICs	Four (4)
VPN Hardware Acceleration	PCI
Power Supply	One (1)

## Physical Specifications

Width x Depth x Height	16.87" x 14.17" x 1.73"
Weight	10.5 lbs (4.76 kg)
Operating Temperature	5-40° C
Humidity	20-90% RH, Non-condensing
AC Input Voltage	100-240 VAC/47-63 Hz
Rack Mountable	1-RU Unit

## 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 Unlit for a 10 Mbps connection
Link/Activity LEDs	Lights green for an established connection Blinks green for activity

## Supported Software

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

## Optional Features

- Mail Sentinel Anti-Spam (email filtering)
- Mail Sentinel Anti-Virus (email filtering)
- Surf Sentinel (web content filtering)
- H<sub>2</sub>A - High Availability
- Additional GTA Mobile VPN Client licenses
- Support contracts (including IPS policy updates w/GB-OS 5.0 and above)



- 10/100 Mbps NIC Ports
- DB-9 Serial Interface
- Internal Power Supply
- Two Hardware Cooling Fans
- Two USB Ports
- DB-9 Serial Interface