

Feature Specifications	50 Users	Unrestricted Users
Concurrent Users	50	Unrestricted
Concurrent Connections	20,000	128,000
PPP Configurations	5	5
Tunnels	100	100
Static Routes	100	100
Security Policies (total)	800	800
Protocols	255	255
IP Aliases	50	50
IP Pass-through Hosts	100	100
Address Objects	150	150
Time Group Objects	100	100
VPN Security Associations	100	100
VPN Users (maximum non-concurrent)	300	300
Mobile VPN Users (maximum concurrent)	50	50
Mobile IPSec Client, PPTP, L2TP Licenses	2	2
GTA SSL Client Licenses	2	2
VLANs	100	100

Hardware Specifications

CPU Speed	1.5 GHz VIA C7
RAM & Flash Memory	1 GB RAM, 4 GB CF
USB Ports	Two (2)
10/100/1000 Ethernet NICs	Four (4)
Power Supply	One (1)

Physical Specifications

Width x Depth x Height	8.86" x 8.43" x 1.73"
Weight	4.5 lbs (2.04 kg)
Operating Temperature	5-40° C
Humidity	10-90% RH
AC Input Voltage	90-240 VAC, 50-60 Hz

I/O Interface Specifications

- Four (4) 10/100/1000 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.
- One (1) RS-232 (DB-9) serial interface. 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 Design

The GB-820 chassis is a 1-RU rack-mount or desktop unit. It has four high speed 10/100/1000 Mbps Ethernet interfaces to ensure high performance and network design flexibility, and one multifunction DB-9 serial interface to provide access for a serial console or dial-up modem/ISDN TA. Flash memory stores and runs the pre-installed GB-OS. Power is supplied by a power cable.

LED Status Indicators

Front Panel LEDs

Power LED	Lights green when powered up
Disk LED	Lights red when Compact Flash is accessed
10/100/1000 LEDs	Unlit for 10 Mbps connection Lights green for 100 Mbps connection Lights yellow for 1000 Mbps connection
Link/Activity LED	Lights green for an established connection 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-820. Opening the unit will void the warranty on the system, and may cause injury.

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)

