

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 (each kind)	200	200
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
GTA Mobile VPN Client Licenses	1	1
VLANs	100	100

Hardware Design

The GB-800e 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 one multifunction DB-9 serial interface 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.

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-800e. 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.
- 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 Specifications

CPU Speed	800 MHz VIA C3
RAM & Flash Memory	256 MB RAM, 1 GB CF
Standard 10/100 Ethernet NICs	Three (3)
VPN Hardware Acceleration	Mini PCI
Power Supply	One (1)

Physical Specifications

Width x Depth x Height	11.02" x 9.06" x 1.73"
Weight	4.5 lbs (2 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
I/O LED	Blinks red when flash memory is accessed
Link/Activity LED	Lights green for an established connection Blinks green for activity
10/100 LED	Lights green for a 100 Mbps connection Unlit for a 10 Mbps connection

Back Panel LEDs

10/100 Link LED	Lights green for a 100 Mbps connection Unlit for a 10 Mbps connection
Link/Activity LED	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)

H₂A - High Availability

Additional GTA Mobile VPN Client licenses

Support contracts (including IPS policy updates w/GB-OS 5.0 and above)



1. Power & I/O LEDs
2. NIC Indicator LEDs
3. Power Socket
4. Power Switch
5. 10/100 Mbps NIC Ports
6. DB-9 Serial Interface
7. USB Ports