

Feature Specifications

	Standard	w/VPN Acceleration
Concurrent Users	Unrestricted	Unrestricted
Concurrent Connections	128,000	128,000
PPP Configurations	5	5
Tunnels	300	300
Static Routes	300	300
Security Policies (each kind)	400	400
Protocols	255	255
IP Aliases	300	300
IP Pass-through Hosts	300	300
Address Objects	600	600
Time Group Objects	100	100
VPN Security Associations	250	600
VPN Users (maximum non-concurrent)	750	750
Mobile VPN Users (maximum concurrent)	100	300
GTA Mobile VPN Client Licenses	1	1
VLANS	300	300

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.

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.

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 Specifications

CPU Speed	2.0 GHz Intel Pentium 4
RAM & Flash Memory	256 MB RAM, 2 GB CF
Standard 10/100 Ethernet NICs	Six (6)
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	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)

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



1. 10/100 Mbps NIC Ports
2. DB-9 Serial Interface
3. Internal Power Supply
4. Two Hardware Cooling Fans
5. Two USB Ports
6. DB-9 Serial Interface
7. Two Expansion Slots