

Feature Specifications

Concurrent Users	Unrestricted
Concurrent Connections	512,000
PPP Configurations	5
Tunnels	1,024
Static Routes	1,024
Security Policies (each kind)	12,500
Protocols	255
IP Aliases	1,024
IP Pass-through Hosts	300
Address Objects	1,024
Time Group Objects	256
VPN Security Associations	10,000
VPN Users (maximum non-concurrent)	7,500
Mobile VPN Users (maximum concurrent)	5,000
GTA Mobile VPN Client Licenses	1
VLANs	4,096

Hardware Design

The GB-3000 chassis is a 2-RU unit designed to minimize heat buildup with two cooling fans. It has two 10/100 Mbps Ethernet interfaces and two 10/100/1000 Mbps Gigabit Ethernet interfaces to ensure high performance and network design flexibility. Flash memory stores and runs the pre-installed GB-OS. Expansion bays allow for optional expansion modules. Power is supplied by the hot-swappable dual redundant power supplies.

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-3000. Opening the unit will void the warranty on the system, and may cause injury.

Warning

Expansion modules are not hot-swappable.

I/O Interface Specifications

- Two (2) 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) 10/100/1000 Mbps Gigabit Ethernet 1000Base-TX network interfaces on UTP Cat. 3, 4, and 5, fast Ethernet 100Base-TX network interfaces on UTP Cat. 5 and 1000Base-TX network interfaces on Cat. 5e and Cat. 6.

Supported Software

GB Commander 2.0 (firewall management)

GTA Reporting Suite 2.0 (firewall log reporting)

Hardware Specifications

CPU Speed	3.2 GHz Intel Xeon
RAM & Flash Memory	1 GB RAM, 2 GB CF
USB Ports	Two (2)
PCI Bus Type	PCIe
Standard 10/100 Ethernet NICs	Two (2)
Standard 10/100/1000 Ethernet NICs	Two (2)
Maximum Ethernet NICs	Twelve (12)
Redundant Power Supplies	Two (2)

Physical Specifications

Width x Depth x Height	17.44" x 20.4" x 3.46"
Weight	26 lbs (11.79 kg)
Operating Temperature	5-40° C
Humidity	20-90% RH, Non-condensing
AC Input Voltage	100-240 VAC/47-63 Hz
Rack Mountable	2-RU Unit

LED Status Indicators

Front Panel LEDs

Power LED	Lights green when powered up
Disk LED	Lights red when Compact Flash is accessed

10/100 & 10/100/1000 Port LEDs

Connection LED	Unlit for 10 Mbps connection Lights green for 100 Mbps connection Lights orange for 1000 Mbps connection
Link/Activity LED	Lights green for an established connection Blinks green for activity

MiniGBIC Port LEDs

LED	Unlit if there is no established connection Lights green for an established connection
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Expansion Options

Four Port 10/100/1000 Expansion Module

Four Port Gigabit SPF (MiniGBIC) Expansion Module

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)

- Optional Expansion Modules
- 10/100/1000 Mbps NIC Ports
- 10/100 Mbps NIC Ports
- Console Interface
- USB Ports
- Two Hardware Cooling Fans
- Dual Redundant Power Supplies

