

GB-2000e Firewall Appliance

Features

- VPN hardware acceleration
- Four 10/100 Ethernet ports
- ICSA-certified GNAT Box System Software
- Unrestricted concurrent users
- User authentication
- DHCP server
- DNS server
- Secure email proxy (SMTP)
- SNMP
- PPP / PPPoE / PPTP
- Local content list (LCL) filtering
- Secure remote management
- Stateful packet inspection
- Time-based policies
- Transparent NAT (network address translation)
- Two DB-9 serial console interfaces
- Two USB interfaces

Optional Features

- Mail Sentinel™ Anti-Virus email filtering
- Mail Sentinel™ Anti-Spam email filtering
- Surf Sentinel® web content filtering
- H₂A High Availability failover
- Additional mobile VPN client licenses
- Support contracts

Feature Specifications

| | |
|------------------------------------|---------|
| • Concurrent connections | 128,000 |
| • VPN mobile client licenses | 1 |
| • PPP configurations | 5 |
| • IP aliases | 300 |
| • IP pass-through hosts | 300 |
| • Policies (each kind) | 400 |
| • Tunnels | 300 |
| • Address objects | 600 |
| • Static NAT maps | 300 |
| • Static routes | 300 |
| • Time groups | 100 |
| • Access control lists (ACL) | 300 |
| • Local content list (LCL) filters | 250 |
| • Protocols | 255 |
| • VLANs | 300 |

Supported Software

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

Hardware Specifications

| | |
|-------------------|---|
| <i>Dimensions</i> | 16.87" x 14.7" x 1.73" (428.6mm x 360mm x 44 mm) |
| <i>Weight</i> | 11.45 lbs. (5.2 kg) |

Power Specifications

| | |
|----------------------|------------------------|
| <i>Input Voltage</i> | <i>Input Frequency</i> |
| 100-240 VAC | 47-63 Hz |

Storage Specifications

| | |
|--------------------------|----------------------------|
| <i>Temperature</i> | 58 to 184° F (0° to 70° C) |
| <i>Relative Humidity</i> | 5% to 95%, non-condensing |

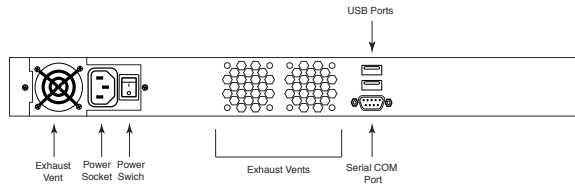
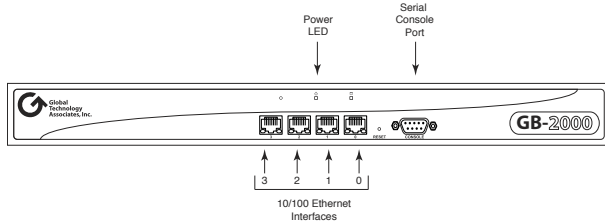
Operational Specifications

| | |
|--------------------------|-----------------------------|
| <i>Temperature</i> | 41° to 104° F (5° to 40° C) |
| <i>Relative Humidity</i> | 20% to 90%, non-condensing |

Memory and CPU Specifications

| | |
|---------------------|-----------------------------|
| <i>CPU</i> | 2.0 GHz Intel Celeron |
| <i>Memory</i> | 256 MB SDRAM |
| <i>Flash Memory</i> | 512 MB Type 1 Compact Flash |





Hardware Design

The GB-2000 chassis is a 1-RU 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, one DB-9 serial interface to provide access for a serial console, one DB-9 serial (COM) interface for a dial-up modem/ISDN TA, and two USB interfaces. Flash memory stores and runs the pre-installed GNAT Box System Software. Power is supplied by a power cable. A reboot may be triggered using the "Reset" pin hole.

Caution

At least 6" should be provided behind of 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) DB-9 (RS-232) 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 interfaces

LED Status Indicators

Front Panel LEDs

| | |
|--------------------------|--|
| <i>Power LED</i> | When the firewall is powered up, the green Power LED on the front panel will be lit. |
| <i>Disk LED</i> | The red LED will light when the Compact Flash disk is accessed. |
| <i>10/100 LED</i> | The green LED will remain unlit if a 10 Mbps connection is established; it will light if a 100 Mbps connection is established. Each 10/100 LED is located on the associated Ethernet connector. |
| <i>Link/Activity LED</i> | The green LED will light and remain solid when an Ethernet connection is established; it will blink when activity occurs over that connection. Each Link/Activity LED is located on the associated Ethernet connector. |

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