

GB-2000X

Powerful, Expandable Enterprise-Level Firewalls



The **GB-2000X Firewall Appliance** is a high-performance firewall designed for SME organizations desiring a single, dedicated appliance to handle their complex network environments and multiple Internet security zones. By combining GB-OS software and hardware into an easy-to-install Internet security device, the GB-2000X offers enterprise-level security with comprehensive features. Increased processing power handles a high volume of network traffic with ease. The GB-2000X supports a maximum of ten high-speed Ethernet ports. Expansion options on the GB-2000X provide the flexibility to accommodate most network designs.

The GB-2000X is powered by GTA's ICSA 4.1 corporate certified GB-OS, which has evolved from GTA's original firewall released in 1994. GB-OS is a full-featured, comprehensive operating system. There are no extra charges for our advanced firewall features such as gateway selector, load balancing and LDAP support.

Threat Management features keep network performance at optimum and user productivity high by defending against dynamic Internet threats. Standard threat management features of the GB-2000X Firewall Appliance include DoS and Intrusion detection, basic content filtering, and advanced email gateway features.

By supplementing the standard threat management features of the GB-2000X with Mail Sentinel Anti-Virus and Mail Sentinel Anti-Spam subscriptions, you add an additional level of security to your perimeter network

defenses. GTA partners with best of breed market leaders to provide anti-virus (Kaspersky Lab) and anti-spam (MailShell) filtering features.

Hardware Expandability - The GB-2000X Firewall Appliance provides flexible implementation through hardware expandability. The GB-2000X can support up to a maximum of ten high-speed Ethernet interfaces and /or VPN acceleration. Expansion options include: a 2-port 10/100/1000 Ethernet expansion, a 4-port 10/100 Ethernet expansion and the GTA VPN Acceleration Bundle.

Optional Features

Mail Sentinel Anti-Virus and Anti-Spam - Mail Sentinel Anti-Spam and Anti-Virus subscription options filter emails through the GTA firewall email gateway to provide the first defense against spam and virus attacks at the network perimeter.

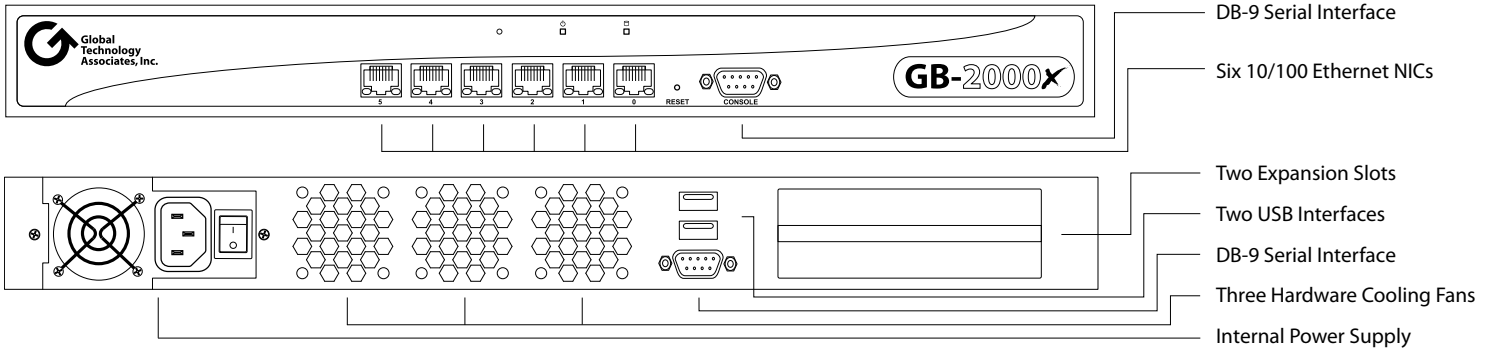
Surf Sentinel - Content Filtering - Surf Sentinel is a subscription based option that increases productivity while reducing liability of access to unproductive or inappropriate web sites.

H₂A - High Availability - H₂A provides your organization with firewall redundancy, assuring that firewall downtime does not mean network access downtime.

GTA Mobile VPN Clients - Additional GTA Mobile VPN Client licenses are available in single or multi-packs.

Key Features

- Expandable to a maximum of ten Ethernet interfaces
- Supports Mail Sentinel Anti-Spam and Anti-Virus
- ICSA 4.1 Corporate certified
- Optional VPN acceleration



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Firewall Modes & System Features	
NAT (PAT)	◆
Interface Bridging	◆
IP Aliasing	◆
Routing (RIP v1, v2)	◆
IP Pass-through	◆
Stateful Packet Inspection	◆
Stealth Mode	◆
High Availability	Optional
Time-based Policies	◆
Static Routing	◆
Address Objects	◆
Concurrent Connections	128,000
Concurrent Outbound Users	Unrestricted
Hosts Allowed	Unrestricted
Hardware Specifications	
Standard 10/100 Ethernet NICs	Six (6)
Maximum Ethernet NICs	Ten (10)
CPU Speed	2.0 GHz Intel Pentium 4
RAM & Flash Memory	256 MB RAM, 512 MB CF
USB & Serial Ports	2 USB, 2 Serial
Networking / Connectivity	
Gateway Failover Selector (Multiple WAN Link Support)	◆
Dynamic Gateway Architecture	◆
Gateway Selector	◆
Load Balancing	◆
PPPoE	◆
PPP	◆
DHCP Client	◆
PPTP Client	◆
ISDN Support	◆
Async Modem	◆
PAP/CHAP Authentication	◆
PSN (DMZ)	◆
VLAN	◆

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User Authentication	
LDAP & RADIUS (w/ external server)	◆
Firewall Users	◆
IPSec VPN Authentication	◆
Services	
Network Time Service	◆
DHCP Server	◆
Dynamic DNS	◆
DNS Proxy	◆
DNS Server	◆
SMTP Email Proxy	◆
Multiple Email Domains Supported	◆
HTTP Proxy (Trad. & Trans.)	◆
VPN	
IPSec VPN	◆
Included Mobile VPN Client License	One (1)
Dedicated Tunnels	◆
Encryption (DES, 3DES, AES, Blowfish)	◆
SHA-1, SHA-2, MD5 Authentication	◆
PPTP, L2TP, VPN Client Pass Through	◆
Hub and Spoke VPN Support	◆
Manual Key and Auto IKE	◆
NAT-T	◆
Aggressive Mode	◆
Hardware VPN Acceleration	Optional
Traffic Management	
Traffic Shaping	◆
Bandwidth Management	◆
Mail Sentinel Anti-Virus Subscription Option	
Automatic Virus Definition Updates	◆
Block Email by File Size	◆
Reject or Quarantine Virus Email	◆
Subject Line Tagging of Virus Email	◆
Mail Sentinel Anti-Spam Subscription Option	
Multiple Category Rating System for Email	◆
Subject Line Tagging of Email By Category	◆
Reject or Quarantine Email By Category	◆
User-defined White Lists & Black Lists	◆
Automatic Updates	◆

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Content Filtering & Surf Sentinel Subscription Option	
Local Content Lists (Allowed/Denied URLs)	◆
Access Control Lists (Policies)	◆
Traditional and Transparent Proxy	◆
Block Java, JavaScript, and ActiveX	◆
Surf Sentinel 2.0 Subscription	Optional
Intrusion & DoS Prevention	
Alarm Coalescing	◆
IP Spoofing Protection	◆
DoS Prevention and Alerting	◆
Customizable Alarm Thresholds	◆
Email and Pager Alarm Notifications	◆
Firewall Management	
Web, Console UI	◆
GB Commander Support	◆
Multi-Language Support	◆
Secure Remote Management (SSL)	◆
Multiple Administrators and Users	◆
Configuration Verification	◆
System Software Rollback	◆
Logging/Monitoring	
Remote logging to GTAsyslog (WELF)	◆
SNMP Management Read	◆
Active VPN Tunnel Status	◆
GB Commander Support (with Reporting)	◆
Physical Specifications	
Width x Depth x Height	16.87" x 14.7" x 1.73"
Weight	11.45 lbs (5.2 kg)
AC Input Voltage	100-240 VAC/47-63Hz
Operating Temperature	5-40 Degrees C
Humidity	20%-90% RH, Non-condensing
Certifications & Compliance	
FCC	◆
CE	◆
UL - US & Canada	◆
ICSA Corporate 4.1 Certification	◆

Expansion Options

Two Port 10/100/1000 Expansion Card

Expands the GB-2000X by adding an 2 additional 10/100/1000 Ethernet ports. The expansion card is installed in the expansion slot. The GB-2000X can support up to two (2) 2-port expansion cards for a maximum of ten Ethernet ports.

Four Port 10/100 Expansion Card

Expands the GB-2000X by adding 4 additional 10/100 Ethernet ports. The expansion card is installed in the expansion slot. The GB-2000X can support one (1) 4-port expansion card for a maximum of ten (10) Ethernet ports.

Hardware VPN Acceleration Card

The GTA VPN Acceleration Card off loads the processing of time-consuming encryption algorithms that can impact the system performance, freeing up the host processor to perform primary tasks more efficiently. The GTA VPN Acceleration Card is installed in the expansion slot.

Product Part Numbers

GB-2000X Firewall Appliance - Unrestricted Users
 GB-2000X 2-Port (10/100/1000) Ethernet Expansion Card
 GB-2000X 4-Port (10/100) Ethernet Expansion Card
 GB-2000X VPN Acceleration Bundle

FAS4X0-9999-00000
 EHNE2P-0000-00G50
 EHNEFI-0000-00G50
 EHNV00-HF00-00GX0

Optional Features

Mail Sentinel Anti-Virus

Mail Sentinel Anti-Virus subscription option provides real-time scanning for viruses and other malware at the perimeter before they reach your network. Each email is scanned and contents reviewed against a database of nearly 100,000 virus definitions. Powered by Kaspersky Lab anti-virus technology.

Mail Sentinel Anti-Spam

Mail Sentinel Anti-Spam subscription option offers customizable spam blocking for GTA's firewall email proxy. Simply utilize the email proxy on your GTA firewall for your SMTP email, and activate the Mail Sentinel Anti-Spam subscription. Powered by MailShell anti-spam technology.

Surf Sentinel

Surf Sentinel content filtering subscription option allows organizations to increase productivity and reduce liability by limiting access to unproductive or inappropriate web sites. Web sites can be allowed or denied based on 41 category ratings. Powered by SurfControl content technology.

High Availability

H:A High Availability allows you to build a continuously available firewall system of GTA firewalls. The GTA firewalls operate as one virtual GTA firewall system. Should the primary GTA Firewall Appliance go offline, the secondary GTA Firewall Appliance automatically and transparently switches to primary mode.

