

GB-3000

Gigabit Firewall UTM Appliance



The GB-3000 Gigabit Firewall UTM Appliance is Global Technology Associates' flagship appliance, offering the highest throughput and most comprehensive feature set in GTA's product line.

GB-3000 Key Features

- Dedicated UTM Appliance
- Supports up to 12 Interfaces
- True Gigabit Performance
- IPv6 Support
- IPSec VPN
- SSL VPN
- UTM Threat Management
 - IPS
 - Anti-Virus
 - Anti Spam
 - URL Filtering
- Powerful Traffic Management
- Remote Access
- ICSA 4.1 Corporate Certified



Powerful Unified Threat Management

The GB-3000 provides powerful network security and strong performance by delivering world-class protection and gateway threat management capabilities in a single dedicated appliance. Gateway Sentinel and GTA's unique Dynamic Gateway Architecture come standard with GB-OS, the feature-rich operating system that powers all GTA Firewall UTM Appliances. Gateway Sentinel is GTA's suite of threat management products and services that includes an email proxy, Internet content filtering and a robust intrusion prevention system. Gateway Sentinel services can be affordably expanded using Mail Sentinel Anti-Spam subscription option, Mail Sentinel Anti-Virus option and Surf Sentinel subscription option. GTA's Dynamic Gateway Architecture includes multi-WAN failover, load sharing, policy based traffic management and dynamic routing. With the GB-3000 Gigabit Firewall UTM Appliance, administrators can rest assured knowing their network is safely protected by total perimeter security. The GB-3000 Gigabit Firewall UTM Appliance meets ISCA 4.1 Corporate criteria.

Performance

The GB-3000 supports up to ten gigabit interfaces, each with true gigabit throughput. The powerful Intel Xeon processor is paired with 1 gigabit of RAM that handles flexible networking features without impacting network performance.

Integration

The GB-3000's powerful security capabilities and advanced network features are combined into a single, easy-to-use solution. The GB-3000 integrates unified threat management, stateful inspection, and traffic management functions into a high performance network security platform. The result is an overall superior solution that provides total perimeter security.

Expandability

The cornerstone of the GB-3000's flexible hardware architecture is the ability to easily add or change expansion modules. By installing optional 4-port expansion modules, you can customize the GB-3000 to match your network's infrastructure. With two module bays, the GB-3000 can adapt as your network evolves. Expansion modules are user-installable, so if your network requirements change, so can the GB-3000.

- **Four Port 10/100/1000 Expansion Module**
Expands the GB-3000 by adding 4 additional 10/100/1000 Ethernet ports.
- **Four Port mini-GBIC Expansion Module**
Expands the GB-3000 by adding 4 additional mini-GBIC Ethernet ports.

Remote Access

Remote access is available with the GTA Mobile IPSec VPN Client, PPTP, L2TP, SSL Browser and SSL Client. Easy to install and setup, these options allow remote workers to securely access protected networks.

UTM Features

Unlock the GB-3000's full UTM capabilities with the following features:

Intrusion Prevention System

GTA's IPS compares data packets to over 4000 signature-based policy definitions to recognize attacks and protect against network anomalies. IPS carefully analyzes traffic and automatically blocks attacks before they can reach the network. IPS configuration options include the selection of protected services and the handling of suspect packets.

Mail Sentinel Anti-Virus

The Mail Sentinel Anti-Virus option provides real-time virus and malware scanning of email against a database of nearly 100,000 virus definitions.

Mail Sentinel Anti-Spam

Mail Sentinel Anti-Spam subscription option, powered by MailShell's multi-level anti-spam technology, offers customizable spam blocking and filtering for the GB-3000's email proxy.

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 based on over 70 category ratings.

GB-3000

Firewall Modes & System Features

- 512,000 Concurrent Connections (unrestricted users)
- Unrestricted Allowed Hosts
- NAT / PAT
- Interface Bridging
- IP Aliasing
- Stateful Packet Inspection
- Stealth Mode
- Time-based Policies
- Static Routing
- Configuration Objects
- High Availability Option

Networking & Connectivity

- Dynamic Gateway Architecture
- Gateway Failover Selector
 - Multiple WAN Link Support
- VLAN
- Load Balancing
- Link Aggregation
- PPP
- PPPoE
- PPTP Client
- DHCP Client
- ISDN Support
- Async Modem
- USB GSM Modem
- PAP / CHAP Authentication

VPN

- Automatic Failover
- IPSec VPN
- SSL Browser & Client
- Included GTA Mobile VPN Client License
- PPTP
- L2TP
- Encryption - DES, 3DES, AES, Blowfish and Camellia
- Authentication - SHA-1, SHA-2, MD5
- VPN Certificate or Pre-shared Secret Authentication
- Hub and Spoke VPN Support
- Manual Key and Auto IKE
- Aggressive Mode
- NAT Through VPN

Services

- Network Time Service
- DHCP Server
- DHCP Relay
- Dynamic DNS
- DNS Proxy / DNS Server
- SMTP Email Proxy
- Multiple Email Domains Supported
- HTTP Proxy
 - Traditional and Transparent

Traffic Management

- Traffic Shaping
 - BGP, OSPF, RIP v1,v2
- Policy Based Routing
 - Source, Destination, Port and Address
- Bandwidth Management

URL Content Filtering

- Local Content Lists
- Access Control Lists
- Time Based Policies
- Block Java, JavaScript and ActiveX

Firewall Management

- Web and Console User Interfaces
- Multi-Language Support
- SSL Secure Remote Management
- Multiple Administrative Accounts
- Configuration Verification
- System Software Rollback
- Automatic System Updates

Intrusion & DoS Prevention

- Customizable IPS Policies
- Alarm Coalescing
- IP Spoofing Protection
- DoS Prevention and Alerting
- Customizable Alarm Thresholds
- Email and SMS Alarm Notifications

User Authentication

- Firewall Authentication with GBAAuth, LDAP & RADIUS
- IPSec VPN Authentication
- Active Directory Single Sign-On

Logging & Monitoring

- WELF Formatted Remote Logging to GTASyslog
- SNMP Management Viewing
- Active Status

Mail Sentinel Anti-Virus 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
- Subject Line Tagging by Category
- Reject or Quarantine by Category
- User-defined White and Black Lists
- Greylisting
- Automatic Rule Updates

Surf Sentinel Subscription Option

- 70+ Category Ratings
- Automatic URL Catalog Updates

Certifications and Compliance

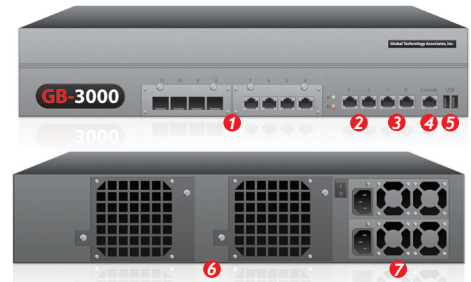
- FCC / CE
- UL - USA and Canada
- RoHS
- ICSA 4.1 Corporate Certified

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	PCI-X
10/100 Ethernet NICs	Two (2)
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



1. Optional Network Interface Modules
2. 10/100/1000 Mb/s NIC Ports
3. 10/100 Mb/s NIC Ports
4. Console Interface
5. USB Ports
6. Two Hardware Cooling Fans
7. Dual Redundant Power Supplies (Hot swappable)

Product Part Numbers

- GB-3000 Gigabit Firewall UTM Appliance Unrestricted Users
 - FAF100-9999-00000
- GB-3000 4-Port 10/100/1000 Gigabit Ethernet Module
 - EHNGE4-0000-00F10
- GB-3000 4-Port Mini-GBIC Gigabit Ethernet Module
 - EHNMG4-0000-00F10



Global Technology Associates, Inc.
3505 Lake Lynda Drive, Suite 109
Orlando, FL 32817 USA
Tel: +1.407.380.0220 • Fax: +1.407.380.6080
Email: info@gta.com • www.gta.com

© 2011 Global Technology Associates, Incorporated (GTA). All rights reserved.

'GB-OS', 'Surf Sentinel', 'Mail Sentinel' and 'GB-Ware' are registered trademarks of Global Technology Associates, Incorporated. 'GB Commander' is a trademark of Global Technology Associates, Incorporated. 'Global Technology Associates' and 'GTA' are service marks of Global Technology Associates, Incorporated. Features and specifications subject to change without notice.

Document ID: GB30002011106-01