

GB-2500

Gigabit Firewall UTM Appliance



The GB-2500 Firewall UTM Appliance is a powerful and robust UTM appliance designed for businesses with extensive network demands.

GB-2500 Key Features

- Dedicated UTM Appliance
- True Gigabit Performance
- Powerful Routing Management
- Flexible Implementation
- Expandable
- IPv6 Support
- Remote Access
 - IPSec Mobile Client VPN
 - SSL Client & Browser VPN
 - PPTP
 - L2TP
- UTM Threat Management
 - IPS
 - Mail Sentinel Anti-Virus
 - Mail Sentinel Anti-Spam
 - Surf Sentinel URL Filtering
- ICSA 4.1 Corporate Certified



Powerful Gigabit Unified Threat Management Performance

The Internet is a vital aspect of today's business and with increased workloads and mobile workforces, complex networks are in high demand. Organizations need a powerful system to handle high traffic flow and protect against cyber threats, while working within the confines of limited resources and tight budgets. Powered by GB-OS, the GB-2500 Firewall UTM Appliance provides total network security in a single unit. The GB-2500's fully-integrated features are configured and monitored through the GB-OS graphical user interface, designed with a focus on easy user interaction.

The GB-2500 is one of GTA's most capable firewall UTM appliances. Designed for businesses with substantial network demands, the GB-2500 features a powerful Intel Dual-Core processor, two gigabytes of RAM and four gigabytes of static memory. The GB-2500 easily handles intensive, resource-demanding network configurations, without affecting network performance. GTA's Dynamic Gateway Architecture includes multi-WAN failover, load sharing, policy based traffic management and dynamic routing. Powerful threat management features and flexible implementation options mean the GB-2500 provides total perimeter security in a powerful, easy to use package. The GB-2500 Firewall UTM Appliance is certified by ICSA 4.1 Corporate criteria.

Remote Access VPN Features

With more and more employees working from remote locations on laptops and smartphones, reliable and secure remote network access is paramount. Integrated within GB-OS and included as a part of a total UTM package with the GB-2500 Firewall UTM Appliance, GTA's remote access options provides for safe and secure remote networking. The GB-2500's size and speed allows organizations to fully support a large mobile workforce requiring network access from laptops, iPads, iPhones or Android-powered devices.

GTA's remote access options include the GTA Mobile IPSec Client, SSL Client, SSL Browser, PPTP, and L2TP methods. Easy to configure and implement, these features provide the flexibility, performance and reliability needed in today's fast-paced mobile world.

Flexibility and Expandability

The GB-2500 Firewall UTM Appliance features two USB ports and six 10/100/1000 Ethernet NIC's, providing organizations with the flexibility to design the firewall around network needs and to smoothly support port aggregation and system failover.

As businesses grow and network requirements change, so can the GB-2500. The GB-2500's flexible hardware architecture provides for easy expandability. Organizations can choose expansion modules to match network infrastructure needs.

UTM Features

Global Technology Associates' suite of threat management products and services include an email proxy, Internet content filtering and a robust intrusion prevention system. Unlock the GB-2500 Firewall UTM Appliance's full UTM capabilities with the following features:

IPS - 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.

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-2500's email proxy.

Surf Sentinel

Surf Sentinel is a content filtering subscription option providing organizations with the tools to increase productivity and reduce liability by limiting access to unproductive or inappropriate websites based on over 70 category ratings.

GB-2500

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 Site-to-Site VPN
- SSL Browser & Client
- GTA Mobile IPSec VPN Client
- 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
- Automatic Backup

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 GBAuth, LDAP & RADIUS
- IPSec VPN Authentication
- Active Directory Single Sign-On

Logging & Monitoring

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

Reporting Tools

- Scheduled Executive Reports
- Historical Statistics

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

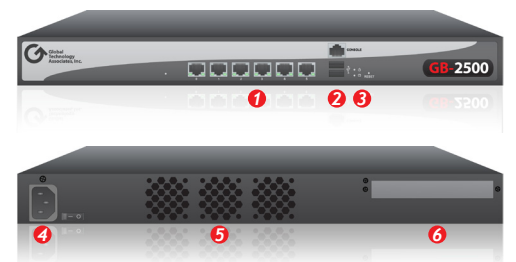
- FCC / CE
- UL - USA and Canada
- RoHS
- ICSA 4.1 Corporate Certified

Hardware Specifications

CPU Speed	1.8 GHz Intel Core 2 LGA 775
RAM & Flash Memory	2 GB RAM, 4 GB CF
USB Ports	Two (2)
10/100/1000 Ethernet NICs	Six (6)
Power Supply	One (1)

Physical Specifications

Width x Depth x Height	17.4" x 11.5" x 1.73" (44.3 cm x 29.2 cm x 4.4 cm)
Weight	9.5 lbs (4.31 kg)
Humidity	0-40° C
AC Input Voltage	100-240 V 4.2 A, 50-60 Hz
Rack Mountable	1-RU Unit



1. 10/100/1000 Mb/s NIC Ports
2. Two USB Ports
3. Console Interface
4. Internal Power Supply
5. Three Hardware Cooling Fans
6. Expansion Slot

Product Part Number

- GB-2500 Firewall UTM Appliance Unrestricted - FAS460-9999-0000



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