

GB-850

Gigabit Firewall UTM Appliance



The GB-850 Firewall UTM Appliance is Global Technology Associates' mid-range product for remote/branch corporate offices desiring total perimeter security.

GB-850 Key Features

- Dedicated UTM Appliance
- Gigabit Performance
- Powerful Traffic Management
- Flexible Implementation
- Hardware VPN Acceleration
- IPv6 Support
- Remote Access
 - IPSec Mobile Client VPN
 - SSL Client & Browser VPN
 - PPTP
 - L2TP
- UTM Threat Management
 - IPS
 - Anti-Virus
 - Anti Spam
 - Web Filtering

Full Featured Gigabit Performance For Mid-Sized Business

Small and mid-sized businesses face similar threats and network demands as larger corporations, and thus should be protected with the same corporate-level of Internet security and unified threat management features, without paying the corporate-level price. Specifically designed for smaller offices, the GB-850 Firewall UTM Appliance provides gigabit performance with all the features and tools available in larger appliances, but in a space-saving desktop unit and with a budget-friendly cost. Powered by GB-OS, the GB-850 combines comprehensive firewall and unified threat management features into a single, dedicated appliance for total perimeter Internet security. The GB-850 Firewall UTM Appliance includes advanced features such as Dynamic Gateway Architecture and unified threat management services - allowing for easy customization with advanced configuration options, routing, gateway failover, and a robust intrusion prevention system.

The GB-850 Firewall UTM Appliance is available in two standard configurations: 50 or unrestricted concurrent outbound users and features VPN hardware acceleration to off-load intensive VPN encryption and decryption for increased VPN throughput.

Flexible Implementation

The GB-850 combines GB-OS system software and GTA hardware into an easy-to install and use dedicated firewall UTM appliance. Comprehensive firewall features such as object encapsulation, policy routing, gateway selector and load balancing allow network administrators to mold the configuration to match network design. Optional upgrades of user counts, remote access client licenses and subscription based services provide the GB-850 with the flexibility to grow with your organization.

Remote Access VPN Features

Integrated within GB-OS and included as a part of a total UTM package with the GB-850, GTA's remote access options provides for safe and secure networking. Organizations are provided the tools to fully support mobile workers seeking 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. Easy to configure and implement, these features provide the flexibility, performance and reliability needed in today's world.

VPN Acceleration

The GB-850 features built-in VPN acceleration, which increases throughput and allows organizations to easily handle increased VPN activity such as high-demand time periods for remote workers. With the built-in AES acceleration, both VPN and standard connections benefit.

Reporting Features

The GB-850 features robust executive reports containing graphical and tabular displays of firewall data such as network and VPN traffic and top 25 lists detailing network usage. These reports, along with other monitoring tools, allow administrators to easily review and maintain the firewall appliance.

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-850 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 Proxy Anti-Virus

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

Mail Proxy Anti-Spam

The Anti-Spam subscription option, powered by MailShell's multi-level anti-spam technology, offers customizable spam blocking and filtering for GB-850's email proxy.

Web Filtering

Web Filtering, a 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-850

Firewall Modes & System Features

- 50 or Unrestricted Concurrent Outbound Users
- 128,000 Concurrent Connections (unrestricted users)
- 20,000 Concurrent Connections (50 users)
- Unrestricted Allowed Hosts
- IPv6 Support
- NAT / PAT
- Interface Bridging
- IP Aliasing
- Stateful Packet Inspection
- Stealth Mode
- Time-based Policies
- Country IP Blocking
- 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
- 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 Reports
- Historical Statistics

Mail Proxy Anti-Virus Option

- Automatic Virus Definition Updates
- Block Email by File Size
- Reject or Quarantine Virus Email
- Subject Line Tagging of Virus Email

Mail Proxy Anti-Spam Subscription Option

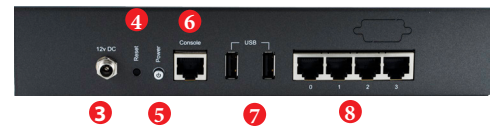
- Multiple Category Rating System
- Subject Line Tagging by Category
- Reject or Quarantine by Category
- User-defined White and Black Lists
- Greylisting
- Automatic Rule Updates

Hardware Specifications

CPU Speed	1.9 GHz Intel E3845
RAM & Flash Memory	2 GB RAM, 8GB CF
USB Ports	Two (2)
10/100/1000 Ethernet NICs	Four (4)
External Power Supply	One (1)

Physical Specifications

Width x Depth x Height	9" x 7" x 1.75" (22.5 cm x 17.5 cm x 4.4)
Weight	2 lbs (0.9 kg)
Operating Temperature	0-40° C
Humidity	10-90% RH
AC Input Voltage	90-264 VAC, 50-60 Hz
Rack Mountable	with Optional Kit



1. Power & I/O LEDs
2. NIC Indicator LEDs
3. Power Socket
4. Reset Switch
5. Power Switch
6. RJ-45 Serial Console
7. USB Ports
8. 10/100/1000 Mb/s NIC Ports

Product Part Numbers

- GB-850 Firewall UTM Appliance 50-Users
 - FA0850-0050N
- GB-850 Firewall Upgrade to Unlimited
 - FB0850-U999A

Web Filtering Subscription Option

- 70+ Category Ratings
- Automatic URL Catalog Updates

Certifications and Compliance

- FCC / CE
- UL - USA and Canada
- TÜV/GS
- RoHS



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