

GB-250

Firewall UTM Appliance Family



Key Features

GB-250 Family

- » Dedicated UTM Appliance
- » Powerful Traffic Management
- » Flexible Implementation
- » IPSec VPN
 - Optional on GB-250 10 User
- » Three Fully Configurable 10/100 NICS Including DMZ Support
- » UTM Threat Management
 - IPS
 - Anti-Virus
 - Anti-Spam
 - URL Filtering
- » Available in 10 or 25 User Configurations - Upgradable to 50 Users
- » ICSA 4.1 Corporate Certified

GB-250e

- » Includes Hardware VPN Acceleration

Full Featured Unified Threat Management For Small Businesses

The GB-250 and GB-250e Firewall UTM Appliances are GTA's entry level systems that provide big security for smaller business offices. Designed and priced to meet the needs of smaller organizations, the GB-250 and GB-250e include the same security and UTM features of our larger enterprise firewall UTM appliances, but scaled to fit the needs of offices with fewer than 50 employees. Three independent high speed network interfaces are each configurable as external, internal and DMZ. Powered by GB-OS system software with Dynamic Gateway Architecture, the GB-250 and GB-250e can be customized to fit your network design from simple plug-and-play to utilizing load balancing and gateway failover for up to six gateways. Gateway Sentinel, GTA's suite of threat management products and services, includes an intrusion prevention system, Internet content filtering and email proxy with basic email filtering. Expanding the UTM features is easy and affordable with Mail Sentinel Anti-Virus, Mail Sentinel Anti-Spam and Surf Sentinel URL content filtering. The GB-250 and GB-250e Firewall UTM Appliances are available in two standard configurations: 10 or 25 concurrent outbound users and may be upgraded to 50 concurrent users. The GB-250e features VPN hardware acceleration to off-load the intensive VPN encryption for increased VPN throughput. The GB-250 Firewall UTM Appliance Family meets ICSA 4.1 Corporate criteria.

Integration

Many small businesses have difficulty finding a cost-effective Internet security solution to meet all their requirements. By integrating solid firewall VPN functionality with threat management of anti-virus, anti-spam and IPS into a single appliance, remote and branch offices can select only the features they require for the level of security that meets their needs. Features can be added by entering an activation code, there is no need to purchase additional hardware or install complex software programs. The result is a comprehensive solution comparable in features to systems designed for enterprise level networks.

Proven Technology

GTA's GB-OS Firewall UTM operating system has been evolving since its introduction in 1994. Selected around the globe by thousands of corporations large and small, GB-OS system software meets ICSA stringent 4.1 corporate criteria for Internet security firewalls. Today, GB-OS builds upon the legacy of 15 years of GTA Internet Security experience.

GB-250e Firewall UTM Appliance

The GB-250e features VPN hardware acceleration for faster VPN throughput, making it the perfect solution for secure VPN connections to corporate offices or for telecommuting via GTA Mobile VPN Client. By off-loading power intensive VPN encryption to the VPN accelerator, both VPN and standard connections benefit.

UTM Features

Unlock the GB-250 Firewall UTM Appliance Family'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-250'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.

Product Part Numbers

GB-250 10 Users - N. Am. FAR500-0010-000N0
GB-250 25 Users - N. Am. FAR500-0025-000N0
GB-250e 10 Users - N. Am. FAR50E-0010-000N0
GB-250e 25 Users - N. Am. FAR50E-0025-000N0
GB-250 10 Users - Japan FAR500-0010-000J0
GB-250 25 Users - Japan FAR500-0025-000J0
GB-250e 10 Users - Japan FAR50E-0010-000J0
GB-250e 25 Users - Japan FAR50E-0025-000J0

GB-250 10 Users - UK FAR500-0010-000U0
GB-250 25 Users - UK FAR500-0025-000U0
GB-250e 10 Users - UK FAR50E-0010-000U0
GB-250e 25 Users - UK FAR50E-0025-000U0
GB-250 10 Users - OZ/NZ FAR500-0010-000Z0
GB-250 25 Users - OZ/NZ FAR500-0025-000Z0
GB-250e 10 Users - OZ/NZ FAR50E-0010-000Z0
GB-250e 25 Users - OZ/NZ FAR50E-0025-000Z0

GB-250 10 Users - Europe FAR500-0010-000E0
GB-250 25 Users - Europe FAR500-0025-000E0
GB-250e 10 Users - Europe FAR50E-0010-000E0
GB-250e 25 Users - Europe FAR50E-0025-000E0



Hardware Specifications

CPU Speed	500 MHz AMD Geode LX
RAM & Flash Memory	256 MB RAM, 1 GB CF
Standard 10/100 Ethernet NICs	Three (3)
USB Ports	Two (2)
Power Supply	One (1) External

Physical Specifications

Width x Depth x Height	6.5" x 6.5" x 1"
Weight	2 lbs (0.9 kg)
Operating Temperature	0-50° C
Humidity	20-90% RH, Non-condensing

Firewall Modes & System Features

- 5,000 Concurrent Connections (25 users)
- 2,500 Concurrent Connections (10 users)
- 10, 25 or 50 Concurrent Outbound Users
- Unrestricted Allowed Hosts
- NAT / PAT
- Interface Bridging
- IP Aliasing
- Stateful Packet Inspection
- Stealth Mode
- Time-based Policies
- Static Routing
- Configuration Objects

Networking & Connectivity Features

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

Services

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

VPN

- IPSec VPN
 - GB-250 10 User Requires VPN Option
 - Included GTA Mobile VPN Client License
 - GB-250 10 User Requires VPN Option
 - 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
 - Hardware VPN Acceleration
 - Standard on GB-250e

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
- GB Commander Support
- Multi-Language Support
- SSL Secure Remote Management
- Multiple Administrative Accounts
- Configuration Verification
- System Software Rollback
- Automatic System Updates

User Authentication

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

Logging & Monitoring

- WELF Formatted Remote Logging to GTASyslog
- SNMP Management Viewing
- Active Status
- GB Commander and GTA Reporting Suite Support

Intrusion & DoS Prevention

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

Mail Sentinel Anti-Virus

- 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



1. Power LED
2. Activity LED
3. Blocked Traffic LED
4. Reset Button

5. DB-9 Serial Interface
6. 10/100 Mb/s NIC Ports
7. USB Ports
8. Power Connector



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