

GB-2000

Firewall UTM Appliance Family



Key Features

GB-2000 Family

- » Dedicated UTM Appliance
- » Powerful Traffic Management
- » Flexible Implementation
- » UTM Threat Management
 - IPS
 - Anti-Virus
 - Anti-Spam
 - URL Filtering
- » ICSA 4.1 Corporate Certified

GB-2000e

- » Includes Hardware VPN Acceleration

GB-2000X

- » Expandable up to 10 Interfaces
- » Optional Hardware VPN Acceleration



Flexible Unified Threat Management Implementations

The GB-2000 Firewall UTM Appliance Family provides powerful enterprise level security and comprehensive features that are easy to implement and administer. The GB-2000, GB-2000e and GB-2000X are all designed for SME organizations that desire a single, dedicated appliance to handle their complex network environments and multiple Internet security zones. Gateway Sentinel and GTA's Dynamic Gateway Architecture come standard with GB-OS, which powers the GB-2000 Firewall UTM Appliance Family. 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 that can be affordably expanded with Mail Sentinel Anti-Spam, Mail Sentinel Anti-Virus and Surf Sentinel 2.0 subscription options. 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 means the GB-2000, GB-2000e and GB-2000X Firewall UTM Appliances provide total perimeter security in a powerful, easy to use package. The GB-2000 Firewall UTM Appliance Family meets ICSA 4.1 Corporate criteria.

Performance

The GB-2000 Firewall UTM Appliance Family utilizes increased processing power to handle high volume of network traffic with ease. Features in GTA's Dynamic Gateway Architecture such as load balancing, policy based routing and gateway failover provide additional power and flexibility.

VPN Features

Industry standard IPSec virtual private networking is integrated into all members of the GB-2000 Firewall UTM Appliance Family. Setting up a secure site-to-site VPN or allowing mobile user access is an easy, intuitive process using the GB-OS VPN Setup Wizard. The GB-2000e includes hardware VPN acceleration for those organizations with large demands for their VPN connectivity.

GB-2000X Expandability

The GB-2000X provides flexible implementation options through hardware expandability. The GB-2000X can support up to a maximum of ten high-speed Ethernet interfaces and/or VPN acceleration.

- » **Two Port 10/100/1000 Expansion Card**
Expands the GB-2000X by adding two additional 10/100/1000 Ethernet ports.
- » **Four Port 10/100 Expansion Card**
Expands the GB-2000X by adding four additional 10/100 Ethernet ports.
- » **Hardware VPN Acceleration**
The GTA VPN Acceleration Card off-loads the processing of time-consuming encryption algorithms that can impact system performance.

UTM Features

Unlock the GB-2000 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 subscription option, powered by Kaspersky Lab's anti-virus technology, 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-2000's email proxy.
- » **Surf Sentinel 2.0**
Surf Sentinel 2.0 content filtering subscription option, powered by industry leader Surf Control, allows organizations to increase productivity and reduce liability by limiting access to unproductive or inappropriate web sites based on 41 category ratings.

Product Part Numbers

GB-2000 Firewall UTM Appliance Unrestricted Users	FAS400-9999-00000
GB-2000e Firewall UTM Appliance Unrestricted Users	FAS4E0-9999-00000
GB-2000X Firewall UTM Appliance Unrestricted Users	FAS4X0-9999-00000

Expansion Card Part Numbers

GB-2000X 2-Port (10/100/1000) Expansion Card	EHNE2P-0000-00G50
GB-2000X 4-Port (10/100) Expansion Card	EHNEFI-0000-00G50
GB-2000X VPN Acceleration Bundle	EHNV00-HF00-00GX0

Hardware Specifications

CPU Speed	2.0 GHz
RAM & Flash Memory	256 MB RAM, 1 GB CF
USB Ports	Two (2)
Standard 10/100 Ethernet NICs (GB-2000/GB-2000e)	Four (4)
Standard 10/100 Ethernet NICs (GB-2000x)	Six (6)
Maximum Ethernet NICs (GB-2000x)	Ten (10)
Power Supply	One (1)

Physical Specifications

Width x Depth x Height	16.87" x 14.17" x 1.73"
Weight (GB-2000/GB-2000e)	10.5 lbs (4.76 kg)
Weight (GB-2000x)	12.5 lbs (5.76 kg)
Operating Temperature	5-40° C
Humidity	20-90% RH, Non-condensing
AC Input Voltage	100-240 VAC / 47-63 Hz
Rack Mountable	1-RU Unit

Firewall Modes & System Features

128,000 Concurrent Connections
 Unrestricted Concurrent Outbound 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 Features

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

Services

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

VPN

IPSec VPN
 Included GTA Mobile VPN Client License
 Encryption - DES, 3DES, AES and Blowfish
 Authentication - SHA-1, SHA-2 and 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-2000e / Optional on GB-2000x

Traffic Management

Traffic Shaping
 Policy Based Routing
 Source, Destination, Port and Address
 Bandwidth Management

URL Content Filtering

Local Content Lists
 Access Control Lists
 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

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 Pager Alarm Notifications

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

Surf Sentinel Subscription Option

41 Category Ratings
 Automatic URL Catalog Updates

Certifications and Compliance

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



- 10/100 Mb/s NIC Ports
- DB-9 Serial Interface
- Internal Power Supply
- Three Hardware Cooling Fans

- Two USB Ports
- DB-9 Serial Interface
- Two Expansion Slots (GB-2000x Only)

Note: The GB-2000x is displayed.



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