



Quality Bytes ServerXpress 4

Enterprise Gateway Security System

Quality Bytes Server Express is a hardware solution that provides a multiple-application security platform, also known as Unified Threat Management (UTM). Installed at the organizational gateway, the ServerXpress provides a firewall, bandwidth management, IPS, VPN, URL filtering, proxy caching, mail relaying, and real-time monitoring. The ServerXpress platform allows the integration of active content filtering, virus and spam scanners, and other 3rd party applications. Today's ever-changing business demands require a multiple-application system. This capability, which is based on the robust ServerXpress OS, allows end-users to upgrade the core system and add new features to it.

Enterprise Gateway Solution

The ServerXpress security application is designed to provide enterprise-class, high-performance solutions to businesses that require an integrated solution, which combines functionality with robustness.

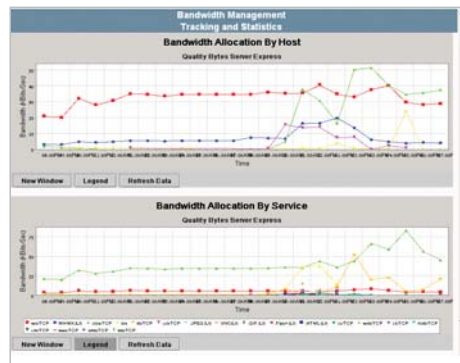
One ServerXpress system can connect to up to 21 networks and support up to 1,000 users. The applications bundled with the ServerXpress provide any type of business with the advantages and level of security typically associated with large corporations and academic institutions systems.

The ServerXpress firewall layer supports application layer (layer-7) classification. This feature allows applications that use dynamically assigned ports to be identified and have their bandwidth properly assigned and/or blocked.

Easy to Deploy

In order to implement a security system effectively, it has to be effectively simple to implement. The fully-enabled web user-interface allows the administrator to use objects, groups and rule sets to define clear policies, making it easier to maintain in the long run.

The proxy system can be activated in transparent mode, which does not require any configuration of the client workstations, while still enabling the auditing and URL-blocking facilities.



Sample Screenshot

Cost Effective

The ServerXpress gateway security application boasts a broad range of security and communications-related features, such as URL blocking, firewall, bandwidth management, auditing and logging, real time statistics, VPN, mail relaying and more.

This all-in-one approach allows a business to benefit from enterprise-class gateway solutions, without having to purchase each application separately. Where a multiple-application gateway is a requirement, the ServerXpress offers a winning set of applications required for secure and reliable communications. The Server-Express can also be used in conjunction with an existing 3rd party system as a complementary security device.

Key Features

- Full SPI Firewall
- Bandwidth Management
- Application Layer - (Layer -7) Support
- Proxy Server with URL Filtering
- IDS/IPS
- Mail Relay
- VPN
- Real-Time Network Monitor
- Easy to Use

Useful Features

- Proxy Logging – Track and generate reports based on the extensive proxy log
- SSL-VPN – Connect to your network with a clientless, browser-based HTTPS interface
- Application Layer Support – Detect dynamic-port applications such as filesharing applications and video conferencing
- Complete Object Support – Providing the administrator with a clean, robust and effective definition interface
- ServerXpress Assistant – A real-time network monitoring tool provided with the ServerXpress allows real-time reporting of network traffic
- Dynamic IP Support – Define rules based on dynamic objects, such as VPN users and ISP connections



Product Features

Firewall

- Full SPI support
- Defined using objects and groups
- Full NAT support incl. static NAT and port forwarding
- Per hour/weekday settings
- Multiple policies

Bandwidth Management

- Layer-7 enabled bandwidth management
- Assymetric bandwidth support



Sample Screenshot

- Support for HTB, CBQ, TBF and SFQ queue disciplines
- Real-Time network monitor IPS
- Pattern based intrusion detection and protection system
- Behavior-based support for major protocols
- Automatic pattern update Mail Relay
- POP-3/SMTP server and/or SMTP mail relay
- Hold/Release/Delete from queue
- Mail proxy supports POP3/IMAP4
- POP-Before-SMTP authentication for remote users

HTTP Proxy Server

- Object-based access controls
- Categorized URL-Filtering
- Full logging
- Surf track reports
- Transparent Mode
- Local Database, LDAP and Windows Authentication

VPN

- VPN Server supports industry standard
- PPTP and L2TP/IPSEC
- Browser-based SSL-VPN
- IPSEC site-to-site tunnels
- Site-to-Site VPN over PPTP
- Per-user access permissions
- RADIUS Authentication

Web Interface

- Full-capable administrative web interface
- HTTPS/SSL encryption
- Supports MSIE 6.0+

Network Services

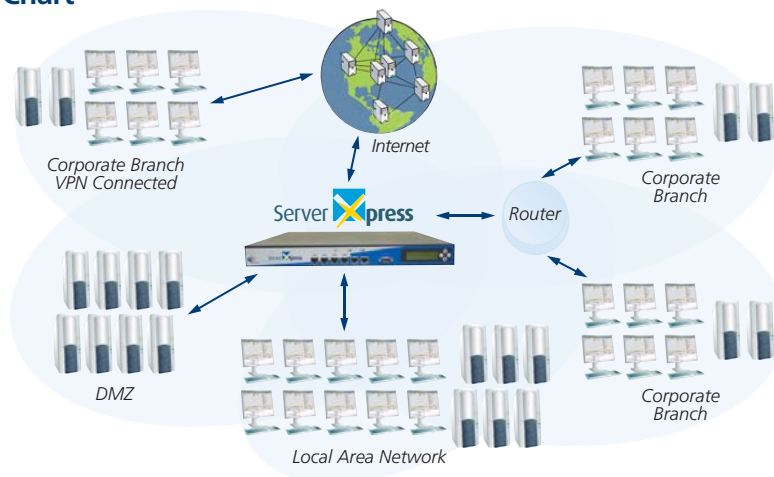
- DHCP server
- Caching DNS forwarder
- HTTP/S reverse proxy

Complementary Options*

- Anti Virus
- Anti Spam
- Mail Archive

* Available through the Quality Bytes MailXpress product

Network Chart



Availability Options

- ServerXpress 500i – Unlimited Licensing, designed for up to 1000 users
- ServerXpress 500i SmallBox – Up to 20 users and 5 concurrent VPN users
- Can be combined with Quality Bytes MailXpress for SMTP/POP3 real-time mail scanning

Specifications

Hardware and OS	
Operating System	ServerXpress OS (Linux)
Disk Space	80-320 GB
RAM	512MB, Expandable to 4,096MB
Network Interface	2, Expandable to 13
Firewall	
Number of Rules/Policies	65535/256
Number of Objects	1,024 of each type
Max. Throughput	400 MBPS
Bandwidth Management	
Queue Disciplines/Policies	256/256
Max. Throughput	100 MBPS
Algorithm Support	HTB, CBQ, TBF, SFQ

VPN	
Concurrent Users	20-100
Protocols	PPTP, L2TP/IPSEC, IPSEC
Encryption	3DES, AES, MPPE-40, MPPE-128
Mail	
Storage Size	Equal to disk size
Max. Mailboxes	1,000
Max. Aliases	1,000
Protocols	SMTP, POP-3
Size and Dimensions	
Form Factor	1U
Dimension (w/d/h)	42.8cm / 36cm / 4.4cm (16.87"/14.17"/1.73")
Weight	9.8 Kg (21.59 lbs)