

DOCUMENT* PRESENTED
BY WICK HILL

access
access
management
management
performance
performance
security
security

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Barracuda Spam Firewall *High Capacity Models*

The Barracuda Spam Firewall delivers powerful, easy to use, and affordable enterprise-class spam and virus protection.

Today, any large enterprise or service provider must provide advanced security measures to protect themselves and their customers from the constant onslaught of cyber threats. Email is in the forefront as a critical business application that must be fully protected. Barracuda Networks has developed a comprehensive solution for the most painful security threats plaguing corporations today: Spam and Viruses. These threats, once considered a nuisance, have risen to the forefront due to the tremendous amount of spam and the aggressive nature of the attacks.

Barracuda Networks today provides spam and virus protection for the largest number of companies worldwide - over 25,000 and rising. Barracuda Networks' extensive customer base provides a rich and comprehensive set of data points to collect information about trends in spam and virus propagation. These trends and samples mean timely updates to keep your organization protected.

Powerful, Enterprise-Class Solution

Designed by a team of veteran networking engineers, the Barracuda Spam Firewall is a powerful, enterprise-class solution, supporting 25,000 active email users and handling 20 million messages each day. Its architecture leverages open source virus and spam solutions, in conjunction with ten defense layers:

- Denial of Service and Security Protection
- IP Block List
- Rate Control
- Virus Check with Archive Decompression
- Barracuda Virus Check
- User-Specified Rules
- Spam Fingerprint Check
- Intent Analysis
- Bayesian Analysis
- Rule-Based Scoring

This architecture optimizes the processing of each email, which yields the performance required to process millions of messages per day. Unlike software solutions, the Barracuda Spam Firewall reduces the load placed on the email server by off-loading both spam and virus filtering.

Scalable and Affordable

Barracuda Networks offers a scalable solution with models designed for growing enterprises or Fortune 100 companies. Our solution is tailored to your needs today and can grow as your needs grow.

Easy to Use and Maintain

With no software to install and no modifications required to existing email systems, installation is extremely easy. Once installed, the system administrator uses an intuitive Web interface for monitoring and maintenance. The Barracuda Spam Firewall requires minimal maintenance because its innovative design incorporates reliability into every aspect of the product. Energize Updates are automatically retrieved by the Barracuda Spam Firewall, enabling maximum spam and virus protection while eliminating administrative overhead. These updates are provided by Barracuda Central, an advanced technology operations center where engineers continuously monitor the Internet for trends in spam and virus attacks.

Comprehensive Support

Enterprises require mission critical support for their business. Barracuda Networks offers support options which include 24x7 staffed support to ensure that any concerns or issues can be immediately addressed by a knowledgeable engineer.

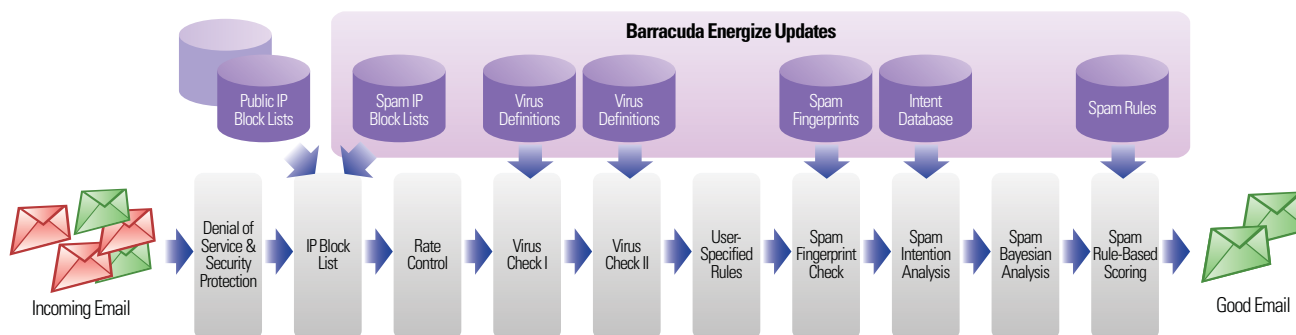
*powerful
easy to use
affordable*



At Barracuda Networks, we ensure that our customers are 100% satisfied. Our responsive Barracuda Networks Technical Support Team provides customers with responsive, comprehensive telephone support.

We invite you to call us to learn more about how the Barracuda Spam Firewall can deliver powerful, easy to use, and affordable enterprise-class spam and virus protection to your organization.

Barracuda Spam Firewall Defense Layers



TECHNICAL SPECIFICATIONS

Key Features

COMPREHENSIVE PROTECTION

- Spam filter
- Virus filter
- Anti-spoofing
- Anti-phishing
- Anti-spyware
- Denial of service protection
- Directory harvest protection
- Outbound email filtering
- Compliance

SPAM FILTER

- Bayesian algorithms
- Content-based filtering
- Intent analysis
- Keyword blocking
- Multilingual/multinational
- Rate control
- RBL and DNSRBL support
- Rule-based scoring algorithms
- SPF & Sender ID

VIRUS FILTER

- Dual layer virus blocking
- Decompression of archives
- File type blocking

Administration Features

- Web-based interface
- User account administration
- Reports, graphs, and statistics
- LDAP interface
- Multiple domain support
- Secure remote administration

User Features

- Email tagging, quarantine, and blocking
- Multilingual user interface
- Whitelists and blacklists
- Outlook / Lotus Notes integration
- Bayesian analysis

Front Panel Indicators

- Activity indicator
- Email blocked indicator
- Email quarantined indicator
- Email received indicator
- Power indicator
- Power button
- Reset button

Connectors

- VGA
- PS/2 keyboard/mouse
- Ethernet (see chart below)
- Serial port (DB-9)

Power Requirements

- AC input voltage 100-240 volts
- Frequency 50/60 Hz

Support Options

STANDARD SUPPORT

- Complimentary telephone support

ENERGIZE UPDATES SUBSCRIPTION

- Hourly spam rule updates
- Hourly virus definition updates
- Real-time blacklist updates

INSTANT REPLACEMENT SERVICE

- Replacement unit shipped next business day



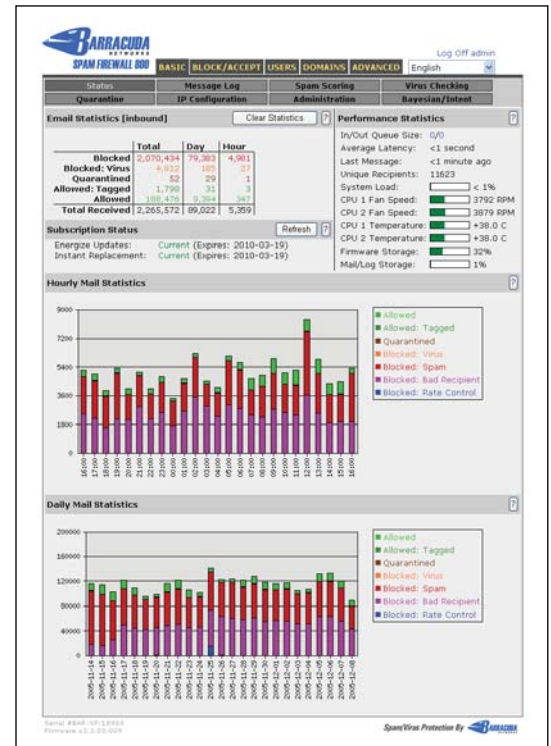
Internet



Barracuda
Spam Firewall
Typical Deployment



Email Server



Sample System Administration Summary

Model Comparison	Model 600	Model 800	Model 900
CAPACITY*			
Email Capacity Per Day	10 million	15 million	22.5 million
Active Email Users	3,000-10,000	8,000-22,000	15,000-30,000
Domains	5,000	5,000	5,000
Quarantine Storage	100 GB	200 GB	300 GB
HARDWARE			
Rackmount Chassis	1U Fullsize	2U Fullsize	2U Fullsize
Dimensions (in.)	16.7 x 1.75 x 26.5	16.7 x 3.5 x 26.5	16.7 x 3.5 x 26.5
Dimensions (cm.)	42.4 x 4.3 x 67.3	42.4 x 4.3 x 67.3	42.4 x 8.6 x 67.3
Weight (lbs. / kg.)	35 / 15.9	50 / 22.7	56 / 25.4
Ethernet	2 x Gigabit	2 x Gigabit	2 x Gigabit
AC Input Current (Amps)	1.8	3.5	5.0
Redundant Disk Array (RAID)	Hot Swap	Hot Swap	Hot Swap
Redundant Power Supply		Hot Swap	Hot Swap
ECC Memory	✓	✓	✓
FEATURES			
Compatible with all Email Servers	✓	✓	✓
Hardened and Secure OS	✓	✓	✓
Outbound Email Filtering	✓	✓	✓
MS Exchange/LDAP Accelerator	✓	✓	✓
Per User Settings and Quarantine	✓	✓	✓
Syslog Support	✓	✓	✓
Clustering & Remote Clustering	✓	✓	✓
Per Domain Settings	✓	✓	✓
Single Sign-On	✓	✓	✓
SNMP/API	✓	✓	✓
Customizable Branding	✓	✓	✓
Per User Score Settings	✓	✓	✓



Internet



Multiple Barracuda
Spam Firewalls



Email Server

Clustering provides for redundancy
and greater capacity



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