

# Barracuda Spam Firewall

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

Email has undoubtedly become a key tool for communications among companies worldwide. However, with frequent virus attacks and the alarming rate that spam has been filling up inboxes, email is quickly becoming a less efficient means of communicating. In fact, the Radicati Group, a market research firm in Palo Alto, California, predicts that by 2007, there will be 50 billion spam messages each day, costing companies almost \$200 billion per year. This is simply astounding and unacceptable. It's time to take control of spam.

The Barracuda Spam Firewall is an integrated hardware and software solution that has the power of an enterprise-class solution, and the ease-of-use and affordability that businesses of all sizes demand.

## Powerful, Enterprise-Class Solution

Designed by a team of veteran networking engineers, the Barracuda Spam Firewall is a powerful, enterprise-class solution, supporting 30,000 active email users and handling 15 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.

## Easy to Use and Maintain

With no software to install and no modifications required to existing email systems, installation is extremely easy, typically taking only five minutes. 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.

## Affordable

The Barracuda Spam Firewall is affordable for businesses of all sizes—small or large. **It has no per user license fees**, making it the most affordable enterprise-class spam and virus protection solution available.

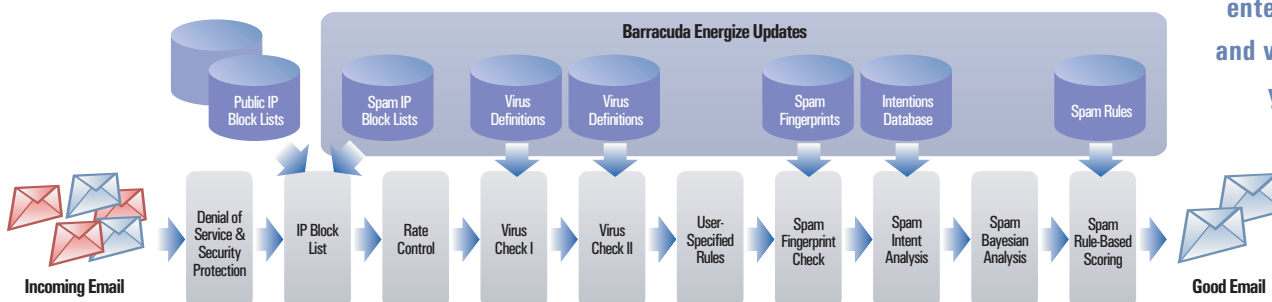
*powerful  
easy to use  
affordable*



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 or your local distributor today 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

### SPAM FILTER

- Bayesian algorithms
- Content-based filtering
- Denial of service protection
- Keyword blocking
- Multilingual/multinational
- Rate control
- RBL and DNSRBL support
- Rule-based scoring algorithms
- SPF & sender ID
- Anti-spoofing
- Anti-phishing

### VIRUS FILTER

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

## User Features

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

## System Administration

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

## Front Panel Indicators

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

## Connectors

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

## 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

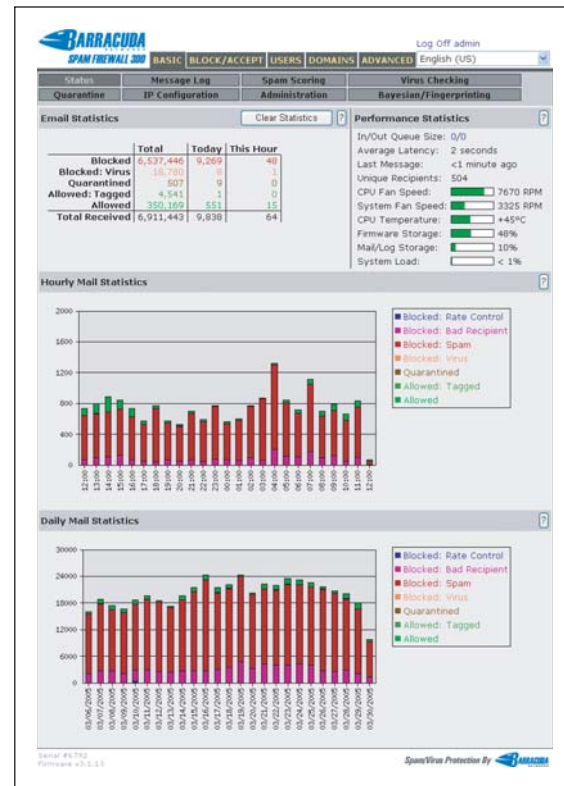


Barracuda  
Spam Firewall



Email Server

Typical Deployment Configuration



Sample System Administration Report



Internet



Multiple Barracuda  
Spam Firewalls



Email Server

Clustering provides for redundancy  
and greater capacity

Model Comparison	Model 200	Model 300	Model 400	Model 600	Model 800
<b>CAPACITY*</b>					
Email Capacity Per Day	1 million	2 million	5 million	10 million	15 million
Active Email Users	1,000	2,000	10,000	25,000	30,000
Domains	50	250	500	5,000	5,000
Quarantine Storage Per User		5 MB	10 MB	10 MB	20 MB
<b>HARDWARE</b>					
Rackmount Chassis	1U Mini	1U Mini	1U Mini	1U Fullsize	2U Fullsize
Dimensions (in.)	16.7 x 1.7 x 14	16.7 x 1.7 x 14	16.7 x 1.7 x 14	16.7 x 1.7 x 26.5	16.7 x 3.4 x 26.5
Dimensions (cm.)	42.4 x 4.3 x 35.6	42.4 x 4.3 x 35.6	42.4 x 4.3 x 35.6	42.4 x 4.3 x 67.3	42.4 x 4.3 x 67.3
Weight (lbs. / kg.)	17 / 7.7	17 / 7.7	18 / 8.2	35 / 15.9	50 / 22.7
Ethernet	1 x 10/100	1 x 10/100	1 x 10/100	2 x Gigabit	2 x Gigabit
AC Input Current (Amps)	1.0	1.2	1.4	1.8	3.5
Redundant Disk Array (RAID)				✓	Hot Swap
Redundant Power Supply					Hot Swap
<b>FEATURES</b>					
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				✓	✓



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