**BARRACUDA** NETWORKS

# 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 25,000 active email users and handling 25 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
> proprietary virus check
> user-specified rules
> spam fingerprint check
> intention 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—anywhere from small to large. It has no per user license fee, making it the most affordable enterprise-class spam and virus protection solution available.
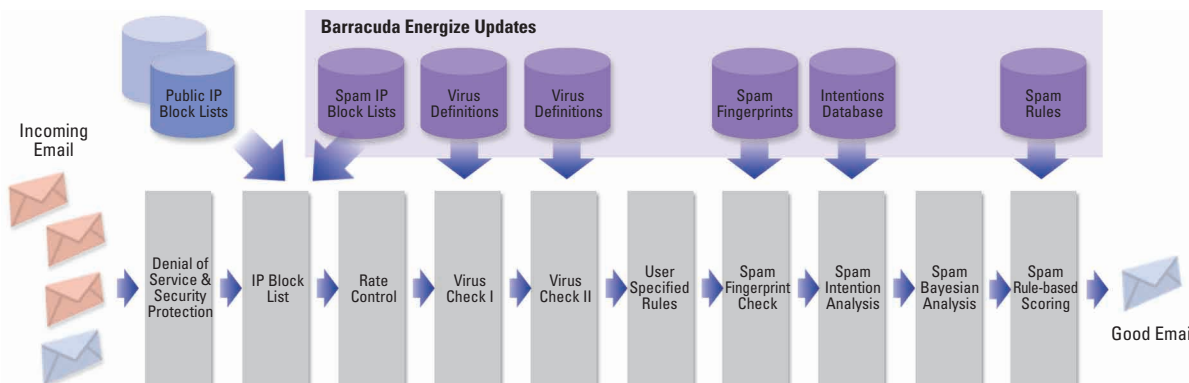
*powerful*
*easy to use*
*affordable*

**At Barracuda Networks, we are committed to ensuring that our customers are 100% satisfied. Our highly responsive and friendly Barracuda Technical Support Team provides customers with complimentary telephone support.**

**We invite you to call us or your local distributor/VAR 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 business.**

**Barracuda Spam Firewall Defense Layers**



Barracuda Energize Updates

Public IP Block Lists · Spam IP Block Lists · Virus Definitions · Virus Definitions · Spam Fingerprints · Intentions Database · Spam Rules

Incoming Email → Denial of Service & Security Protection → IP Block List → Rate Control → Virus Check I → Virus Check II → User Specified Rules → Spam Fingerprint Check → Spam Intention Analysis → Spam Bayesian Analysis → Spam Rule-based Scoring → Good Email

# TECHNICAL SPECIFICATIONS



*Standard Deployment Configuration*

## Key Features

### SPAM FILTER
- Rule-based Scoring Algorithms
- Bayesian Algorithms
- RBL and DNSRBL Support
- Keyword Blocking
- Rate Control
- Denial of Service Protection
- Content-based Filtering
- Spam Fingerprint Checking

### VIRUS FILTER
- Dual Layer Virus Blocking
- Decompression of Archives
- File Type Blocking

### ADMINISTRATION
- Email Tagging, Quarantine, and Blocking
- Email Tracking
- Reports, Graphs, and Statistics
- Whitelists and Blacklists
- Clustering Support
- Multiple Domain Support

## Hardware

### MODELS 200, 300, 400
- 1U Mini Rackmount Chassis
- Dimensions 16.7" x 1.7" x 14"
- Weight 15 lbs.

### MODEL 600
- 1U Fullsize Rackmount Chassis
- Dimensions 16.7" x 1.7" x 26.5"
- Weight 30 lbs.

## Connectors
- Ethernet 10/100 BaseT
- Ethernet 1000 BaseT (Model 600)
- Serial Port (DB-9)
- VGA
- PS/2 Keyboard

## Front Panel Indicators
- Power Indicator
- Activity Indicator
- Email Received Indicator
- Email Quarantined Indicator
- Email Blocked Indicator
- Reset Button
- Power Button

## System Administration
- Web-based Interface
- Statistical Reporting Tools
- User Account Administration

## Power Requirements
- AC Input Voltage 100-240 Volts
- Frequency 50/60 Hz
- AC Input Current 1.2 Amps
- AC Input Current 2.0 Amps (Model 600)
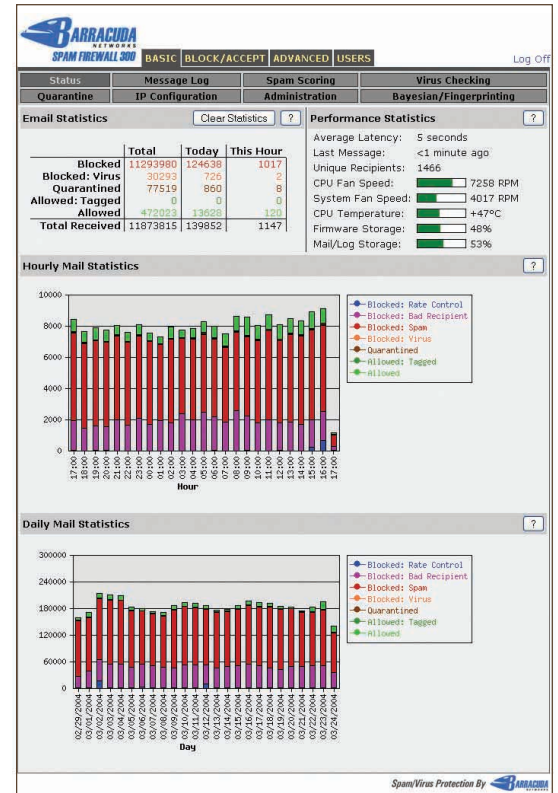
## Support Options

### STANDARD SUPPORT
- Complimentary Telephone Support

### ENERGIZE UPDATES SUBSCRIPTION
- Hourly update of spam rules
- Hourly update of virus definitions
- Real time update of spam fingerprints
- Real time update of black lists

### INSTANT REPLACEMENT SERVICE
- Replacement unit within 24 hours



*Sample System Administration Report*



*Clustering provides for redundancy and even greater capacity*

| Features | Model 200 | Model 300 | Model 400 | Model 600 |
|---|---|---|---|---|
| Email Capacity per Day | 1 million | 4 million | 10 million | 25 million |
| Active Email Users | 1000 | 2000 | 10,000 | 25,000 |
| Compatible with all Email Servers | ✓ | ✓ | ✓ | ✓ |
| Hardened and Secure OS | ✓ | ✓ | ✓ | ✓ |
| Per User Settings and Quarantine | | ✓ | ✓ | ✓ |
| MS Exchange/LDAP Accelerator | | ✓ | ✓ | ✓ |
| Syslog Support | | ✓ | ✓ | ✓ |
| Per Domain Settings | | | ✓ | ✓ |
| Clustering | | | ✓ | ✓ |
| Redundant Disk Array (RAID) | | | ✓ | ✓ |
| Per User Score Settings | | | | ✓ |
| Customizable Branding | | | | ✓ |



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