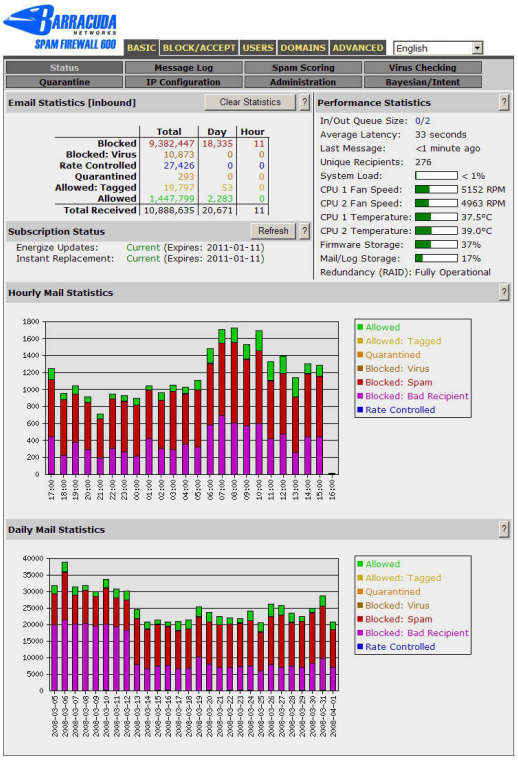
Barracuda Spam Firewall

Powerful, easy to use, and affordable spam and virus protection.

The Barracuda Spam Firewall is an integrated hardware and software solution designed to protect your email server from spam, virus, spoofing, phishing and spyware attacks. The Barracuda Spam Firewall is compatible with all email servers and can fit into nearly any corporate or small business environment. With no per user license fees, the Barracuda Spam Firewall offers the most affordable spam and virus protection available.



The Barracuda Spam Firewall filters all email messages and displays the number of emails received with statistics on how they were processed.

Flexible, Comprehensive Protection

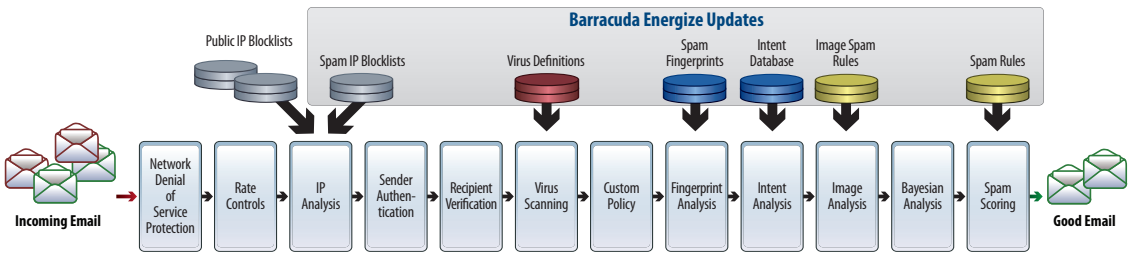
A single Barracuda Spam Firewall supports up to 30,000 active email users. Multiple Barracuda Spam Firewalls can be clustered for greater capacity and higher availability. All Barracuda Spam Firewall models incorporate essential outbound filtering techniques, including attachment scanning, virus filtering, rate controls and encryption. These features help organizations to ensure that all outgoing email is legitimate and virus-free.

The Barracuda Spam Firewall's layered approach minimizes 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 offloading both spam and virus filtering. Its architecture leverages 12 comprehensive defense layers to provide industry-leading defense capabilities.

Ease of Use and Maintenance

With no software to install or network modifications required, the Barracuda Spam Firewall is easy to set up. Energize Updates are delivered automatically by Barracuda Central, an advanced technology center where engineers work continuously to provide the most effective methods to combat the ever changing spam and virus variants. Energize Updates, including the latest spam definitions, virus definitions and security updates, are distributed hourly for continuous protection against the latest threats.

Barracuda Spam Firewall Architecture



BARRACUDA SPAM FIREWALL

MODEL
100
200
300
400
600
800
900

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Typical Deployment

TECHNICAL SPECIFICATIONS

Security Features

COMPREHENSIVE PROTECTION
- Spam and virus filtering
- Prevents spoofing, phishing and malware
- Denial of Service protection
- Directory harvest protection
- Outbound email filtering
- Achieves compliance

SPAM FILTER
- Rate control
- IP Reputation analysis
- Fingerprint analysis
- Image analysis
- Rules-based scoring algorithms
- Bayesian algorithms

SENDER AUTHENTICATION
- SPF
- DomainKeys
- Emailreg.org
- Invalid bounce suppression

ADVANCED POLICY CONTROLS
- IP and content-based filtering
- Sender/receipient filtering
- RBL and DNSBL support
- Keyword blocking
- Character set blocking
- Reverse DNS blocking
- URL pattern blocking

VIRUS FILTER
- Triple-layer virus blocking
- Barracuda Real-Time Protection
- Decompression of archives
- File type blocking

System Features

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

END USERS
- User-based filtering
- Individual spam scoring
- Personal allow and block lists
- End user quarantine
- Digest emails
- Outlook / Lotus Notes integration
- Bayesian analysis

Hardware Features

CONNECTORS
- Standard 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

ENERGIZE UPDATES SUBSCRIPTION
- Standard technical support
- Hourly spam definition updates
- Barracuda Reputation databases
- Fingerprint and intent analysis definitions
- Spam and image spam rules
- Hourly virus definition updates

INSTANT REPLACEMENT SERVICE
- Replacement unit shipped next business day
- 24x7 technical support

MODEL COMPARISON	MODEL 100	MODEL 200	MODEL 300	MODEL 400	MODEL 600	MODEL 800	MODEL 900
CAPACITY*							
Active Email Users	1-50**	51-500	300-1,000	1,000-5,000	3,000-10,000	8,000-22,000	15,000-30,000
Domains	10	50	250	500	5,000	5,000	5,000
Message Log Storage	512 MB	1 GB	2 GB	10 GB	20 GB	40 GB	60 GB
Quarantine Storage			10 GB	50 GB	100 GB	200 GB	250 GB
HARDWARE							
Rackmount Chassis	1U Mini	1U Mini	1U Mini	1U Mini	1U Fullsize	2U Fullsize	2U Fullsize
Dimensions (in.)	16.8 x 1.7 x 9.1	16.8 x 1.7 x 14	16.8 x 1.7 x 14	16.8 x 1.7 x 14	16.8 x 1.7 x 22.6	17.4 x 3.5 x 25.5	17.4 x 3.5 x 25.5
Dimensions (cm.)	42.7 x 4.3 x 23.1	42.7 x 4.3 x 35.6	42.7 x 4.3 x 35.6	42.7 x 4.3 x 35.6	42.7 x 4.3 x 57.4	44.2 x 8.9 x 64.8	44.2 x 8.9 x 64.8
Weight (lbs. / kg.)	8 / 3.6	12 / 5.4	12 / 5.4	13 / 5.9	26 / 11.8	46 / 20.9	52 / 23.6
Ethernet	1 x 10/100	1 x 10/100	1 x 10/100	1 x 10/100	2 x Gigabit	2 x Gigabit	2 x Gigabit
AC Input Current (Amps)	1.0	1.0	1.2	1.4	1.8	4.1	5.4
Redundant Disk Array (RAID)				✓	Hot Swap	Hot Swap	Hot Swap
ECC Memory					✓	✓	✓
Redundant Power Supply						Hot Swap	Hot Swap
FEATURES							
Compatible with all Email Servers	✓	✓	✓	✓	✓	✓	✓
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					✓	✓	✓

US 10.0

Specifications subject to change without notice.

*Capacity depends on environment and selected options.

**The Barracuda Spam Firewall 100 is limited to providing antispam and antivirus protection for up to 50 email addresses.

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