



# BARRACUDA SPAM & VIRUS FIREWALL

## Barracuda Spam & Virus Firewall

Blocks email-borne spam and virus intrusions while preventing data loss

The Barracuda Spam & Virus Firewall is an integrated hardware, software and cloud-based solution designed to protect the email server from spam, virus, spoofing, phishing and spyware attacks. The Barracuda Spam & Virus 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 & Virus Firewall offers the most affordable spam and virus protection available.

### Hardware, Software and Cloud-Based Protection

The Barracuda Spam & Virus Firewall is available in eight models to handle a wide range of needs for small and medium businesses, as well as large enterprises, including Internet Service Providers and hosting providers. All Barracuda Spam & Virus Firewall models incorporate inbound and outbound filtering techniques, including attachment content scanning, virus filtering, rate controls and policy-based encryption. An additional cloud-based layer prevents spam and viruses from reaching your network and provides email continuity services for up to 96 hours.

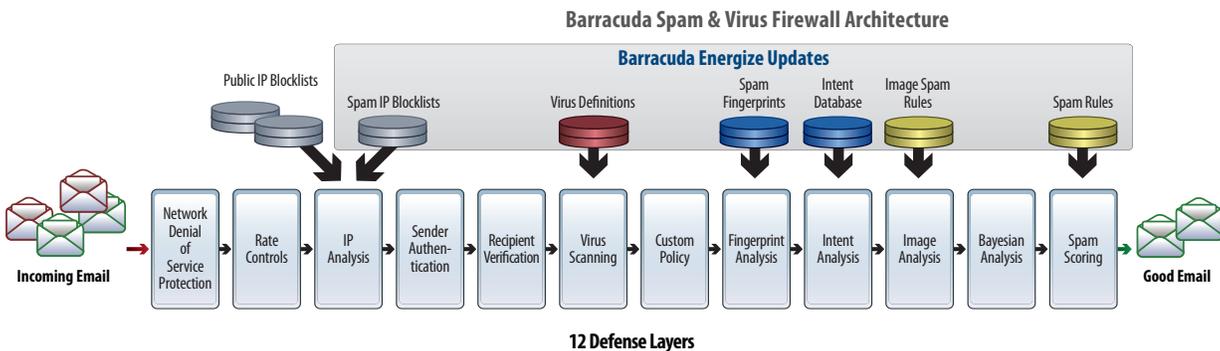
The Barracuda Spam & Virus Firewall's layered approach minimizes the processing of each email, which yields the performance required to process millions of messages per day. Unlike software solutions, the Barracuda Spam & Virus Firewall reduces the load placed on the email server by offloading both spam and virus filtering. Its architecture leverages 12 comprehensive defense layers to provide industry-leading defense capabilities.

### Easy-to-Use and Maintain

The Barracuda Spam & Virus Firewall is easy to set up with no software to install or network modifications required – minimizing ongoing administration. Energize Updates are delivered automatically by Barracuda Central, an advanced technology center where engineers work relentlessly to provide the latest spam definitions, virus definitions, and security updates which are distributed hourly for continuous protection against the latest threats.



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



MODEL  
100  
200  
300  
400  
600  
800  
900  
1000



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## Typical Deployment



## TECHNICAL SPECIFICATIONS

### Security Features

#### COMPREHENSIVE PROTECTION

- Spam and virus filtering
- Cloud protection layer
- Prevents spoofing, phishing and malware
- Denial of Service protection
- Directory harvest protection
- Outbound email filtering

#### SPAM FILTER

- Rate control
- IP Reputation Analysis
- Fingerprint and Image Analysis
- Rules-based scoring algorithms
- Barracuda Anti-Fraud Intelligence

#### SENDER AUTHENTICATION

- SPF and DomainKeys
- Emailreg.org
- Invalid bounce suppression

#### ADVANCED POLICY CONTROLS

- IP and content-based filtering
- Content encryption
- Sender/recipient filtering
- RBL and DNSBL support
- Keyword blocking
- Character set blocking

- Reverse DNS blocking
- URL pattern and category blocking
- TLS encryption policy

#### VIRUS FILTER

- Triple-layer virus blocking
- Barracuda Real-Time Protection
- Decompression of archives
- File type blocking
- Barracuda Anti-Virus Supercomputing Grid

#### System Features

##### ADMINISTRATORS

- Web-based interface
- User account administration
- Reports, graphs and statistics
- LDAP interface
- Multiple domain support
- Secure remote administration
- Delegated domain administration
- Delegated help desk role
- Email spooling

##### END USERS

- User-based filtering
- Individual spam scoring
- Personal allow and block lists
- End user quarantine and digest emails

- Outlook / Lotus Notes integration
- Bayesian analysis

#### Hardware Features<sup>+</sup>

##### 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	MODEL 1000
<b>CAPACITY*</b>								
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	25,000-100,000
Domains	10	50	250	500	5,000	5,000	5,000	5,000
Message Log Storage	8 GB	8 GB	8 GB	10 GB	60 GB	120 GB	170 GB	512 GB
Quarantine Storage			10 GB	50 GB	100 GB	200 GB	250 GB	750 GB
<b>HARDWARE</b>								
Rackmount Chassis	1U Mini	1U Mini	1U Mini	1U Mini	1U Fullsize	2U Fullsize	2U Fullsize	2U Fullsize
Dimensions (in)	16.8 x 1.7 x 9	16.8 x 1.7 x 9	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	17.2 x 3.5 x 27.3
Dimensions (cm)	42.7 x 4.3 x 23	42.7 x 4.3 x 23	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	43.7 x 8.9 x 70.8
Weight (lbs/kg)	8 / 3.6	8 / 3.6	12 / 5.4	13 / 5.9	26 / 11.8	46 / 20.9	52 / 23.6	56 / 25.4
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	2 x Gigabit
AC Input Current (Amps)	1.0	1.0	1.2	1.4	1.8	4.1	5.4	7.2
Redundant Disk Array (RAID)				✓	Hot Swap	Hot Swap	Hot Swap	Hot Swap
ECC Memory					✓	✓	✓	✓
Redundant Power Supply						Hot Swap	Hot Swap	Hot Swap
<b>FEATURES</b>								
Compatible with all Email Servers	✓	✓	✓	✓	✓	✓	✓	✓
Hardened and Secure OS	✓	✓	✓	✓	✓	✓	✓	✓
Outbound Email Filtering	✓	✓	✓	✓	✓	✓	✓	✓
Email Encryption	✓	✓	✓	✓	✓	✓	✓	✓
Cloud Protection Layer	✓	✓	✓	✓	✓	✓	✓	✓
MS Exchange/LDAP Accelerator			✓	✓	✓	✓	✓	✓
Per User Settings and Quarantine			✓	✓	✓	✓	✓	✓
Delegated Help Desk Role			✓	✓	✓	✓	✓	✓
Syslog Support			✓	✓	✓	✓	✓	✓
Clustering & Remote Clustering				✓	✓	✓	✓	✓
Per Domain Settings				✓	✓	✓	✓	✓
Single Sign-On				✓	✓	✓	✓	✓
SNMP/API				✓	✓	✓	✓	✓
Customizable Branding					✓	✓	✓	✓
Per User Score Settings					✓	✓	✓	✓
Delegated Domain Administration					✓	✓	✓	✓

US 13.1 Specifications subject to change without notice. \*Capacity depends on environment and selected options. + Also available as a virtual appliance

\*\*The Barracuda Spam & Virus Firewall 100 is limited to providing anti-spam and anti-virus protection for up to 50 email addresses.

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