

# Barracuda Email Security Gateway Vx

Gain complete protection from email-borne threats.

Barracuda Email Security Gateway Vx gives you industry-leading protection against spam, viruses, and advanced malware—including zero-day ransomware and other threats when Advanced Threat Protection is enabled. Outbound filtering prevents data loss, and 96-hour email spooling in the Barracuda Cloud ensures continuity in case of email server downtime.

Email Security Gateway Vx is available in multiple versions, allowing as many as 24 CPU cores.

## Comprehensive, long-term protection

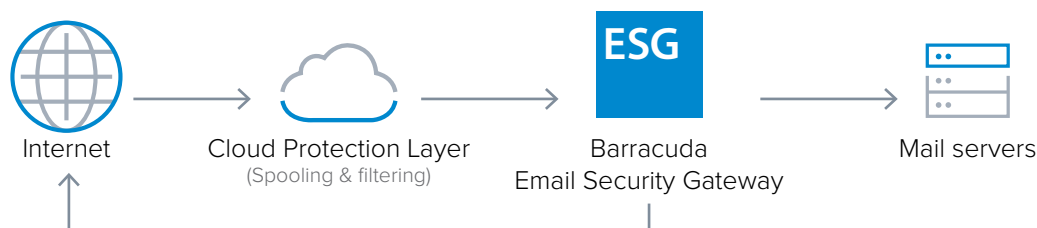
Barracuda Email Security Gateway Vx includes spam and virus blocking, data protection, email continuity, DoS prevention, encryption, and policy management—combined to deliver a complete solution. As new requirements emerge, it is automatically updated with new capabilities to ensure continuous protection.

## Complete email threat protection

Barracuda Email Security Gateway Vx provides multi-layer security, email continuity, and data leakage prevention. Advanced Threat Protection\* combines behavioral, heuristic, and sandboxing technologies to protect against zero-hour, targeted attacks and ransomware.

## Unmatched ease of use

Fast, easy set-up and simple, intuitive management keep time and resource needs low. The integration of the Barracuda Cloud Protection Layer makes it easy to scale capacity as your business grows.



## Technical specs

### Comprehensive protection

- Spam and virus filtering
- Prevents spoofing, phishing, and malware
- Denial of Service (DoS/DDoS) protection
- Directory harvest protection
- Outbound email filtering

### DLP and reputation Loss

- Maintain compliance
- Prevents reputation loss and block-listing
- Pre-defined filters (e.g., HIPAA, credit card, and U.S. Social Security Numbers)

### Advanced policy control

- IP and content-based filtering
- Bulk email categorization
- 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
- Secondary authentication

### Sender authentication

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

### Spam filter

- Rate control
- IP reputation analysis
- Fingerprint and image analysis
- Rules-based scoring algorithms

### Virus filter

- Triple-layer virus blocking
- Integrated Exchange AV Agent
- Decompression of archives
- File type blocking
- Barracuda Antivirus Supercomputing Grid
- Advanced Threat Protection\* to protect against ransomware, zero hour, and targeted attacks.

## 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
- Configure backup to cloud

### End users

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

## Deployment options

### Virtual appliance

- Hardened OS
- Seven models to choose from
- Common hypervisor support including VMware, Microsoft Hyper-V, and XenServer

## Support options

### Total Protection Plus

- Standard technical support
- Advanced Threat Protection
- Hourly spam definition updates
- Barracuda Reputation Databases
- Fingerprint and intent analysis definitions
- Hourly virus definition updates

## Models

MODEL COMPARISON	300	400	600	800	900
FEATURES					
Active email users	Up to 1,000	Up to 5,000	Up to 10,000	Up to 22,000	Up to 30,000
Number of CPU cores allowed	2	4	6	12	24
Outbound filtering	•	•	•	•	•
Cloud Protection Layer <sup>1</sup>	•	•	•	•	•
Email encryption	•	•	•	•	•
Advanced Threat Protection <sup>2</sup>	•	•	•	•	•
MS Exchange/LDAP Accelerator	•	•	•	•	•
Per-user settings and quarantine	•	•	•	•	•
Delegated help-desk roles	•	•	•	•	•
Syslog support	•	•	•	•	•
Clustering and remote clustering	-	•	•	•	•
Per domain settings	-	•	•	•	•
Single sign-on	-	•	•	•	•
SNMP/API	-	•	•	•	•
Customizable branding	-	-	•	•	•
Per user score settings	-	-	•	•	•
Delegated domain administration	-	-	•	•	•

<sup>1</sup> Available with Advanced Threat Protection only.

<sup>2</sup> Available for an additional charge.

