



FortiMail™

Comprehensive Messaging Security

Proven Security

The FortiMail family of appliances is a proven, powerful messaging security platform for any size organization, from small businesses to carriers, service providers, and large enterprises. Purpose-built for the most demanding messaging systems, the FortiMail appliances utilize Fortinet's years of experience in protecting networks against spam, malware, and other message-borne threats.

Intelligent Protection

You can prevent your messaging systems from becoming threat delivery systems with FortiMail. Its inbound filtering engine blocks spam and malware before it can clog your network and affect users. Its outbound inspection technology prevents outbound spam or malware from causing other antispam gateways to blacklist your users (including 3G mobile traffic). FortiMail's dynamic and static user blocking gives you granular control over all of your policies and users.

Fast, Flexible Filtering

The high-performance threat filtering technology delivered by the FortiMail appliances will not affect your users or delay their communications, as the custom-built hardware and software processes and filters messages in real-time. FortiMail also gives you unmatched flexibility to deploy your messaging security in the mode that best suits your environment and your users. You can deploy FortiMail in Transparent, Gateway, or Server mode, maximizing the effectiveness of the FortiMail technology while minimizing the impact on existing services and users.

- **Transparent Mode:** Each network interface includes a proxy that receives and relays email. Each proxy can intercept SMTP sessions even though the destination IP is not the FortiMail appliance, eliminating the need to change the DNS MX record or change the existing mail server network configuration.
- **Gateway Mode:** Provides inbound and outbound proxy MTA services for existing email gateways. A simple DNS MX record change redirects email to FortiMail for antispam and antivirus scanning.
- **Server Mode:** Delivers full-featured SMTP mail server functionality, with flexible support for secure POP3, IMAP and WebMail access.



DATASHEET

FortiMail Product Family: Comprehensive Messaging Security

The FortiMail product line provides specialized messaging security system for organizations of all sizes. From remote or branch offices to global carriers, FortiMail platforms provide multi-layered protection against blended message-borne threats composed of spam, viruses, worms, phishing, and spyware.

The FortiMail family eliminates malicious and harmful content quickly and efficiently with its three antispam, antivirus, and antispyspam filtering engines. By integrating certified spam and virus recognition methodologies, FortiMail has demonstrated the ability to block 99.87% of spam in live third-party tests. ICSA Labs certifies the accuracy of FortiMail's antispam engine.

Virus Bulletin recently awarded FortiMail its VBSpam Platinum Award, in recognition of FortiMail's high catch rate and low false positives.

FortiGuard® Security Subscription Services deliver dynamic, automated updates for antispam, antivirus, and antispyspam security services.

Features

Benefits

Unmatched deployment flexibility

Deploy FortiMail in Transparent, Gateway, or Server mode, to meet your specific messaging security requirements and minimize infrastructure changes or service disruptions

Integrated security with no per-user or per-mailbox pricing

Complete multi-layered antivirus, antispam, antispyspam, and antiphishing security protection for an unlimited number of users

Antispam gateway that retrieves endpoint information

Enables Carriers and Service Providers to block spamming endpoints (including smartphones) preventing blacklisting of legitimate subscribers

Appliance or blade form-factor

Choose the right appliance or blade that fits your environment, including FortiGate-5000 series chassis or other ATCA-compliant chassis

Industry Certification





Technical Specifications	FortiMail-100C	FortiMail-400B	FortiMail-2000B	FortiMail-5001A
Hardware Specifications				
10/100 Interfaces (Copper, RJ-45)	1	0	0	0
10/100/1000 Interfaces (Copper, RJ-45)	2	4	6	2
Internal Backplane Base / Fabric Channel Interfaces	0	0	0	2 / 2
Expansion Slot	0	0	0	1 Single-Width AMC
Redundant Hot Swappable Power Supplies	No	No	Yes	N/A
Storage	1 TB	1 x 500 GB (1 TB Optional)	2 x 1 TB (6 TB Optional)	1 x 80 GB HDD (ASM Storage Module)
RAID Storage Management	No	Software: 0, 1 (Raid 1 Requires Second 500 GB Drive)	Hardware: 1, 5, 10, 50, Hot Spare (Based on Number of Drives)	No
Form Factor	Desktop	Rack Mount Appliance	Rack Mount Appliance	ATCA Chassis
System Specifications				
Email domains	50	500	5,000	10,000
Recipient based policies (per Domain / per System) - incoming or Outgoing	60 / 300	600 / 3000	1,500 / 7,000	1,500 / 7,000
Server Mode Mailboxes	200	1,000	3,000	3,000
Antispam, Antivirus, Authentication, and Content Profiles (per Domain / per System)	50 / 60	50 / 200	50 / 600	50 / 600
Unlimited User Licenses	Yes	Yes	Yes	Yes
Performance (Messages/Hour) [Without queuing based on 3 KB message size]				
Email Routing	90,000	264,600	1.1 Million	1.4 Million
FortiGuard Antispam	85,000	234,000	1.1 Million	1.3 Million
FortiGuard Antispam + Antivirus	77,000	185,400	1.0 Million	1.1 Million
Dimensions				
Height x Width x Length (in)	1.75 x 15 x 6.3 in	1.7 x 17.3 x 14.5 in	3.4 x 17.4 x 26.8 in	1.2 x 14.0 x 12.2 in
Height x Width x Length (cm)	4.4 x 38 x 16 cm	4.5 x 43.8 x 36.8 cm	8.6 x 44.3 x 68.1 cm	3 cm x 35.5 x 31 cm
Weight	4 lbs (1.8 kg)	10 lb (4.5 kg)	57.5 lb (26.1 kg)	8 lb (3.6 kg)
Environment				
Power Required	100-240V AC	100-240V AC	100 – 240 V, 50/60 HZ, 7.0 – 3.5A	-40.5 V (DC) to -57 V (DC)
Power Consumption (AVG)	56 W	121 W	152 W	148 W
Operating Temperature	32 – 104 deg F (0 – 40 deg C)	32 – 104 deg F (0 – 40 deg C)	50 – 95 deg F (10 – 35 deg C)	32 – 104 deg F (0 – 40 deg C)
Storage Temperature	-13 to 158 deg F (-35 to 70 deg C)	-13 to 158 deg F (-35 to 70 deg C)	-40 – 149 deg F (-40 – 65 deg C)	-31 to 158 deg F (-35 to 70 deg C)
Humidity	5 to 95% non-condensing	5 to 95% non-condensing	5 to 95% non-condensing	20 to 90% non-condensing
Compliance				
	FCC Class A Part 15, CE Mark	FCC Class A Part 15, UL/CUL, C Tick, VCCI	FCC Class A, UL/CB/CUL, C Tick, VCCI, US EPA Energy Star Compliant	FCC Class A Part 15, UL/CB/CUL, C Tick, VCCI
Certifications				
	ICSA Labs Antispam, VBSpam Platinum			

TRANSPARENT, GATEWAY AND SERVER MODE FEATURES

Multiple Email Domain Support
 High Availability (HA) Support
 SMTP Mail Gateway for Existing Email Servers
 Policy-Based Email Routing and Queue Management
 Outbound Mail Relay for Improved Mail Security
 Granular Layered Detection Policies for Spam and Viruses
 Accept, Relay, Reject or Discard Messages Based on Addresses, IP Addresses, or Domains
 S/MIME Encryption
 Load Balancing to Protected SMTP Servers

Per User Antivirus and Antispam Scanning Using LDAP Attributes on a Per Policy (Domain) Basis
 LDAP-Based Email Routing
 Quarantined Message Access with WebMail and POP3
 Daily Quarantine Summaries
 Policy-Based Archiving of Inbound and Outbound Messages with Backup Support for Remote Storage
 Mail Queue Support for Failed, Deferred, and Undeliverable Email
 SMTP, LDAP, RADIUS, POP3 and IMAP based Authentication

Per User Automatic White List
 SNMP Support Using Standard MIBs And Private MIB with Threshold Based Traps
 Local Sender Reputation List
 Dynamic DNS (DDNS)
 Greylist Database Persistence
 Security Hardened Operating System
 Multiple Language Support
 Regex Pattern Matching
 Sender Policy Framework (SPF)
 DomainKeys

FortiGuard® Security Subscription Services

- Antispam
- Antivirus

FortiCare™ Support Services

- 24 x 7 x 365 Comprehensive Support
- 8 x 5 Enhanced Support

- 90-Day Limited Software Warranty
- 1-Year Limited Hardware Warranty



GLOBAL HEADQUARTERS

Fortinet Incorporated
 1090 Kifer Road, Sunnyvale, CA 94086 USA
 Tel +1.408.235.7700
 Fax +1.408.235.7737
 www.fortinet.com/sales

EMEA SALES OFFICE – FRANCE

Fortinet Incorporated
 120 rue Albert Caquot
 06560, Sophia Antipolis, France
 Tel +33.4.8987.0510
 Fax +33.4.8987.0501

APAC SALES OFFICE – SINGAPORE

Fortinet Incorporated
 61 Robinson Road, #09-04 Robinson Centre
 Singapore 068893
 Tel +65-6513-3730
 Fax +65-6223-6784

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