

# Firebox M400 & M500

8 Gbps firewall throughput, up to 1.7 Gbps UTM throughput  
Ports: 6 x 1Gb, 2 x 1Gb SFP / up to 500 VLANs



## KEEP PACE WITH EXPLOSIVE GROWTH IN ENCRYPTED TRAFFIC

Firebox® M400 and M500 firewalls are specifically engineered for midsize and distributed enterprises that are struggling to effectively and affordably secure networks in the face of explosive growth in bandwidth rates, encrypted traffic, video use, and connection speeds. They are up to 149% better at inspecting encrypted traffic and up to 61% faster than competing solutions with all layers of security turned on, according to recent test results from Miercom.

“ WatchGuard is nice and easy to use and has solved all our problems. Our security has increased dramatically and has made my life a lot simpler. I couldn't ask for better. ”

~ Jamie Stables, Desktop Support Analyst, Brompton

## TOTAL NETWORK PROTECTION

Every network needs a full arsenal of scanning engines to protect against spyware, viruses, malicious apps, data leakage, botnets and more. WatchGuard's award-winning network security platform not only provides the most complete suite of unified security controls on the market today, but we have consistently been the first to offer solutions for addressing new and evolving network threats including ransomware and advanced malware.

## EASILY MANAGE MANY APPLIANCES

Typically deployed at the corporate headquarters, these appliances serve as the "hub" appliance, responsible for centrally managing and securing all communications between the head office and all remote employee and small business sites. WatchGuard Dimension, which is included at no additional cost, provides a suite of big data visibility and reporting tools that instantly identify and distill key network security threats, issues and trends, accelerating the ability to set meaningful security policies across the entire network.

## QUICK AND SIMPLE DEPLOYMENT

Cloud-based RapidDeploy technology, a configuration and deployment tool that comes standard with WatchGuard Firebox appliances, enables IT staff to create and store configuration data in the cloud – public or private – and have a new appliance directly shipped to its destination. Once the device arrives, it can connect to the cloud for a secure download of its configuration settings, saving staff travel time and money. This technology is particularly advantageous for large distributed enterprises where managing a multitude of devices efficiently across multiple locations and geographies is critical.

## FEATURES & BENEFITS

- Up to 8 Gbps firewall throughput. Turn on all security scanning engines and still see an amazing 1.7 Gbps throughput.
- All logging and reporting functions included with purchase, with over 100 dashboards and reports including PCI and HIPAA.
- Gigabit Ethernet ports support high-speed LAN backbone infrastructures and gigabit WAN connections.
- Includes two SFP ports that can feature either 1Gb copper or fiber connections, ensuring that the firewall can adapt to end-user environments.
- High availability capabilities ensure maximum uptime. Buy two M400s or M500s for an active/passive high availability pair and receive 50% off the cost of the second device.

Firebox	M400	M500
<b>THROUGHPUT</b>		
Firewall throughput	8 Gbps	8 Gbps
VPN throughput	4.4 Gbps	5.3 Gbps
AV throughput	2.5 Gbps	3.2 Gbps
IPS throughput	4 Gbps	5.5 Gbps
UTM throughput	1.4 Gbps	1.7 Gbps
Interfaces 10/100/1000*	6 + 2SFP	6 + 2SFP
I/O interfaces	1 SRL/2 USB	1 SRL/2 USB
Concurrent connections (bi-directional)	3,800,000	9,200,000
New connections per second	84,000	95,000
VLANs	300	500
WSM licenses (incl)	4	4
Authenticated users limit	unrestricted	unrestricted
<b>VPN TUNNELS</b>		
Branch Office VPN	100	500
Mobile VPN IPSec	150	500
Mobile VPN SSL/L2TP	150	500

### SECURITY FEATURES

Firewall	Stateful packet inspection, deep packet inspection, proxy firewall
Application proxies	HTTP, HTTPS, SMTP, FTP, DNS, TCP, POP3
Threat protection	DoS attacks, fragmented & malformed packets, blended threats & more
VoIP	H.323, SIP, call setup and session security
Filtering options	Browser Safe Search, YouTube for Schools, Google for Business
Security subscriptions	APT Blocker, Intrusion Prevention System, Gateway AV, WebBlocker, App Control, Data Loss Prevention, Reputation Enabled Defense, Mobile Security, Network Discovery, spamBlocker, Threat Detection & Response

### VPN & AUTHENTICATION

Encryption	DES, 3DES, AES 128-, 192-, 256-bit
IPSec	SHA-2, IKE pre-shared key, 3rd party cert
Single sign-on	Windows, Mac OS X, mobile operating systems, RADIUS
Authentication	RADIUS, LDAP, Windows Active Directory, VASCO, RSA SecurID, internal database, Duo, SMS Passcode

### MANAGEMENT

Logging and notifications	WatchGuard, Syslog, SNMP v2/v3
User interfaces	Centralized console (WSM), Web UI, scriptable CLI
Reporting	WatchGuard Dimension includes over 100 pre-defined reports, executive summary and visibility tools

### CERTIFICATIONS

Security	ICSA Firewall, ICSA IPSec VPN Pending: CC EAL4+, FIPS 140-2
Safety	NRTL/C, CB
Network	IPv6 Ready Gold (routing)
Hazardous substance control	WEEE, RoHS, REACH

### NETWORKING

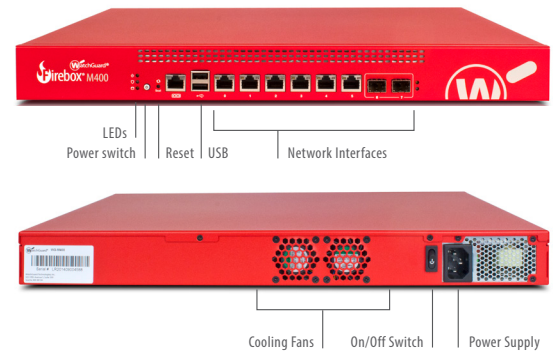
Routing	Static, Dynamic (BGP4, OSPF, RIP v1/v2), Policy-based VPN
High Availability	Active/passive, active/active with load balancing
QoS	8 priority queues, DiffServ, modified strict queuing
IP address assignment	Static, DHCP (server, client, relay), PPPoE, DynDNS
NAT	Static, dynamic, 1:1, IPSec traversal, policy-based, Virtual IP for server load balancing
Link aggregation	802.3ad dynamic, static, active/backup

Throughput rates are determined using multiple flows through multiple ports and will vary depending on environment and configuration. Max firewall throughput tested using 1518 byte UDP packets based on RFC 2544 methodology. Contact your WatchGuard reseller or call WatchGuard directly (1.800.734.9905) for help determining the right model for your network. Visit [www.watchguard.com/sizing](http://www.watchguard.com/sizing) to access the online product Sizing Tool.

U.S. SALES 1.800.734.9905 INTERNATIONAL SALES +1.206.613.0895

[www.watchguard.com](http://www.watchguard.com)

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### PHYSICAL AND POWER SPECIFICATIONS

Product Dimensions	17" x 1.75" x 12" (431 x 44 x 305 mm)
Shipping Dimensions	18" x 21" x 5.25" (45.7 x 53.3 x 13.3 cm)
Shipping Weight	17 lb (7.7 kg)
AC Power	100-240 VAC Autosensing
Power Consumption	U.S. 75 Watts (max), 256 BTU/hr (max)
Rack Mountable	1U rack mount kit included

ENVIRONMENT	OPERATING	STORAGE
Temperature	32° F to 104° F 0° C to 40° C	-40° F to 158° F -40° C to 70° C
Relative Humidity	10% to 85% non-condensing	10% to 95% non-condensing
Altitude	0 to 9,843 ft at 95° F (3,000 m at 35° C)	0 to 15,000 ft at 95° F (4,570 m at 35° C)
MTBF	51,644 hours @ 77° F (25° C)	

### STRONG SECURITY AT EVERY LAYER

Uniquely architected to be the industry's smartest, fastest, and most effective network security products, WatchGuard solutions deliver in-depth defenses against advanced malware, ransomware, botnets, trojans, viruses, drive-by downloads, data loss, phishing and much more.

### MULTIPLE PURCHASE OPTIONS

The flexibility of WatchGuard's integrated platform makes it easy to have exactly the security components your business network requires. Whether you choose to start with the security basics or deploy a comprehensive arsenal of network defenses, we have bundled security services to match your requirements.

### EXPERT GUIDANCE AND SUPPORT

An initial Support subscription comes with every Firebox M400 and M500 appliance. Standard Support, which is included in the Basic Security Suite, provides hardware warranty with advance hardware replacement, 24 x 7 technical support, and software updates. An upgrade to Gold level support is included in WatchGuard's Total Security Suite.

For details, talk to your authorized WatchGuard reseller or visit [www.watchguard.com](http://www.watchguard.com).