WatchGuard® Firebox M400 / M500

RECOMMENDED FOR MIDSIZED BUSINESSES AND DISTRIBUTED ENTERPRISES

SECURITY, PERFORMANCE, VISIBILITY

Firebox M400 and M500 firewalls are specifically engineered for mid-sized 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. With an operating system built on the latest generation of processors from Intel, the M400 and M500 can run all of their security scanning engines in parallel, ensuring network pros never have to compromise network security for performance.

HIGHEST UTM PERFORMANCE IN THE INDUSTRY

- Firewall throughput of up to 8 Gbps to keep traffic moving.
- Best UTM throughput in its class – up to 1.7 Gbps – even with strong security enabled.
- No need to compromise protection for strong performance or vice versa. Multi-layered, interlocking security protects the network while throughput remains high.
- Gigabit Ethernet ports support high-speed LAN backbone infrastructures & gigabit WAN connections, including 2 SFP ports for fiber or copper.

BEST-OF-BREED SECURITY

- Application-layer content inspection recognizes & blocks threats that stateful packet firewalls cannot detect.
- Powerful subscription-based security services boost protection in critical attack areas for multiple layers of defense. By partnering with leading technology providers, WatchGuard is able to integrate best-of-breed security components into one platform for stronger security at big cost savings.
  - **APT Blocker** is a cloud-based service that uses a combination of sandboxing and full system emulation to detect and block highly sophisticated Advanced Persistent Threats (APTs).
  - **Application Control** keeps unproductive, inappropriate, and dangerous applications off-limits.
  - **Intrusion Prevention Service (IPS)** delivers in-line protection from malicious exploits, including buffer overflows, SQL injections, and cross-site scripting attacks.
  - **WebBlocker** controls access to sites that host objectionable material or pose network security risks.
  - **Gateway AntiVirus (GAV)** scans traffic on all major protocols to stop threats.
  - **spamBlocker** delivers continuous protection from unwanted and dangerous email.
  - **Reputation Enabled Defense** ensures faster, safer web surfing with cloud-based reputation look-up.
  - **Data Loss Prevention** automatically inspects data in motion for corporate policy violations.
- Advanced networking features, such as dynamic routing and link aggregation, allow you to add security without needing to change existing network infrastructure.
- Multiple VPN choices (IPSec, SSL, L2TP) for secure remote access include support for Android and Apple iOS devices.

EASY TO MANAGE

- **WatchGuard Dimension™**, a public and private cloud-ready visibility solution, instantly turns raw data into security intelligence.
- Interactive, real-time monitoring and reporting – at no additional charge – give an unprecedented view into network security activity so you can take immediate preventive or corrective actions.
- **RapidDeploy™** enables quick, secure configuration at remote locations without technical staff.
- Intuitive management console centrally manages all security functions.
- WAN and VPN failover provide redundancy for increased reliability.
- Extend best-in-class UTM security to the WLAN by adding WatchGuard's Wireless Access Points.
- Drag-and-drop Branch Office VPN setup – three clicks and your remote office is connected.

Firebox

Firebox	M400	M500
THROUGHPUT		
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
VPN TUNNELS		
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
Security subscriptions	Application Control, IPS, WebBlocker, GAV, Data Loss Prevention, spamBlocker, Reputation Enabled Defense, APT Blocker

VPN & AUTHENTICATION

Encryption	DES, 3DES, AES 128-, 192-, 256-bit
IPSec	SHA-1, SHA-2, MD5, IKE pre-shared key, 3rd party cert
Single sign-on	Supports Windows, Mac OS X, mobile operating systems
Authentication	RADIUS, LDAP, Windows Active Directory, VASCO, RSA SecurID, internal database

MANAGEMENT

Logging and notifications	WatchGuard, Syslog, SNMP v2/v3
User interfaces	Centralized console (WSM), Web UI, scriptable CLI
Reporting	WatchGuard Dimension includes 70 pre-defined reports, executive summary and visibility tools

CERTIFICATIONS

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

NETWORKING

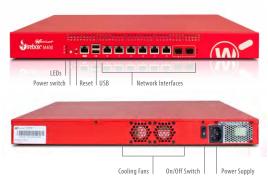|	
Routing	Static, Dynamic (BGP4, OSPF, RIP v1/v2), Policy-based VPN
High Availability	Active/passive, active/active with load balancing
QoS	8 priority queues, DiffServ, modified strict queuing
IP address assignment	Static, DHCP (server, client, relay), PPPoE, DynDNS
NAT	Static, dynamic, 1:1, IPSec traversal,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

LEDs
Power switch | Reset | USB | Network Interfaces

Cooling Fans | On/Off Switch | Power Supply

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

WatchGuard uses a best-of-breed strategy to create the most reliable security solutions on the market. By partnering with industry-leading technology vendors, WatchGuard delivers an all-star family of network security products.

EXPERT GUIDANCE AND SUPPORT

An initial subscription to LiveSecurity® Service is included with every Firebox M400 and M500 appliance. LiveSecurity provides hardware warranty with advance hardware replacement, technical support, and software updates. LiveSecurity 24x7 is included in the NGFW and Security (UTM))Suites, upgrading support hours from 12/5 to 24/7.

MULTIPLE PURCHASE OPTIONS

The flexibility of WatchGuard's integrated platform makes it easy to have exactly the security components your business network requires. Talk to your authorized WatchGuard reseller about very affordable bundled subscriptions for the Firebox M400 and M500.

Throughput rates are determined using multiple flows through multiple ports and will vary depending on environment and configuration. Contact your WatchGuard reseller or call WatchGuard directly (1.800.734.9905) for help determining the right model for your network.

* Comes with 6 built-in 10/100/1000 copper ports, two SFP transceiver slots. Optional 1Gb fiber or 10/100/1000 copper transceivers can be used in either slot.