WatchGuard®

Firebox M440

6.7 Gbps firewall throughput, 1.6 Gbps UTM throughput
Ports: 25 x 1Gb ports (8 with PoE), 2 x 10Gb SFP+

ROBUST PORT DENSITY DELIVERS STRONGER SECURITY

The Firebox® M440 incorporates the same strong defenses, high performance and flexible management tools that distinguish our other network security solutions, but this model delivers especially robust port density with twenty-five 1Gb Ethernet ports and two 10Gb SFP+ (fiber) ports. Eight of the 1Gb ports provide Power over Ethernet (PoE), allowing administrators to extend multi-layered defenses to the WLAN without having to run costly AC power to remote wireless access points. Because it's rich in independent ports, the Firebox M440 is an excellent platform for defining different network segments, which industry experts acknowledge is the best practice for securing and protecting data.

> " The things I like best are it's easy to use and it's a secure environment; I feel really good about our security on our network ever since we've deployed these. And it's been problem free. "
>
> ~ Kevin Connell, Network Manager, Miller Paint

AUTHENTICATION IS NOT ENOUGH TO PROTECT THE NETWORK

Authentication, while important, is no guarantee that you won't be breached. Businesses lose millions from network and security breaches each year, even with correctly implemented authentication in place. If attackers gain physical network access, they can exploit software flaws to bypass authentication weaknesses to access your data. If you really want to limit access, you need to segment resources at a physical level, too. The M440, with its rich port density, gives you abundant options for flexible segmentation strategies, and that means better security and stronger protection for your data.

POLICY MADE EASY

The M440 makes it drop-dead easy for IT pros to create network segments, map the traffic, and create custom policies based on what traffic is in each segment. The Policy Map feature in WatchGuard Dimension, which comes standard on all M440 appliances, provides excellent visibility into each segment so you can instantly see how policy affects traffic.

TOTAL 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.

FEATURES & BENEFITS

- Built-in management and visibility console provides high-level and granular views into all network activity for quick preventive or corrective action.

- Up to 6.7 Gbps firewall throughput. Turn on all security scanning engines and still see an amazing 1.6 Gbps throughput.

- As the network grows, our RapidDeploy tool lets you create & store configuration data in the cloud that new appliances can download from any location, saving staff travel time and costs.

- With 25 1Gb ports and 2 10Gb ports, the M440 removes the need for complex configurations such as VLANs when segmenting the network.

- High availability capabilities ensure maximum uptime. Buy two M440s for an active/passive high availability pair and receive 50% off the cost of the second device.

Firebox M440

TECHNICAL SPECIFICATIONS

Reset | LEDs | USB | Network Interfaces | Power switch

Cooling Fans | Power Supply | On/Off Switch

THROUGHPUT

Firewall throughput	6.7 Gbps
VPN throughput	3.2 Gbps
AV throughput	2.2 Gbps
IPS throughput	2.2 Gbps
UTM throughput	1.6 Gbps
Interfaces	25 1G copper (8 with PoE)
	2 10G SFP+
I/O interfaces	1 SRL/2 USB
VLANs	400
Concurrent connections (bi-directional)	4,000,000
New connections per second	62,000
Authenticated users limit	Unrestricted

VPN TUNNELS

Branch Office VPN	300
Mobile VPN IPSec	300
Mobile VPN SSL/L2TP	300

SECURITY FEATURES

Firewall	Stateful packet inspection, deep packet inspection, proxy firewall
Application proxies	HTTP, HTTPS, FTP, DNS, TCP/UDP, POP3, SMTP, IMAPS, and Explicit Proxy
Threat protection	DoS attacks, fragmented packets, blended threats and more
VoIP	H.323, SIP, call setup and session security
Filtering options	Browser Safe Search, YouTube for Schools, Google for Business

VPN & AUTHENTICATION

|	
Encryption	DES, 3DES, AES 128-, 192-, 256-bit
IPSec	SHA-2, IKEv1/v2 , IKE pre-shared key, 3rd party cert
Single sign-on	Windows, Mac OS X, mobile operating systems, RADIUS, SAML 2.0
Authentication	RADIUS, LDAP, Windows Active Directory, VASCO, RSA SecurID, internal database, SAML 2.0, 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
Safety	NRTL/C, CB
Network	IPv6 Ready Gold (routing)
Hazardous substance control	WEEE, RoHS, REACH

STANDARD NETWORKING

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
Other features	Static routing, port Independence, transparent/drop-in mode, USB modem as a dedicated interface
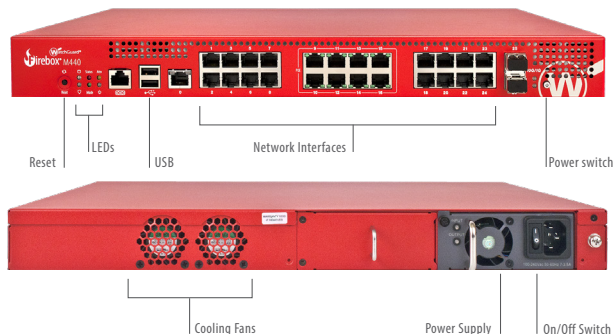
PHYSICAL AND POWER SPECIFICATIONS

Product Dimensions	17" x 15.25" x 1.75" (43 x 38 x 4.4 cm)
Shipping Dimensions	18" x 21" x 5.25" (45.7 x 53.3 x 13.3 cm)
Shipping Weight	18 lbs (8.2 Kg)
AC Power	100-250 VAC Autosensing
Power Consumption	U.S. 62 Watts (211.55 BTU/hr) (max) [optional redundant power supply available]
Power over Ethernet	802.3at - 25W per port
Rack Mountable	1U rack mount kit included

ENVIRONMENT

	OPERATING	STORAGE
Temperature	32° F to 113° F 0° C to 45° 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	65,000 hours at 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.

Features & Services	TOTAL SECURITY SUITE	Basic Security Suite
Intrusion Prevention Service (IPS)	✓	✓
App Control	✓	✓
WebBlocker	✓	✓
spamBlocker	✓	✓
Gateway AntiVirus	✓	✓
Reputation Enabled Defense (RED)	✓	✓
Network Discovery	✓	✓
APT Blocker	✓	
Data Loss Protection (DLP)	✓	
Threat Detection & Response	✓	
DNSWatch	✓	
Access Portal*	✓	
Dimension Command	✓	
Support	Gold (24x7)	Standard (24x7)

*Available on Firebox M370 appliances or higher.

For details, talk to your authorized WatchGuard reseller or visit **www.watchguard.com**.

Throughput rates are determined using multiple flows through multiple ports and will vary depending on environment and configuration. Max firewall throughput is tested using 1518 byte UDP packets based on RFC 2544 methodology. UTM throughput is measured using HTTP traffic with AV, IPS, and Application Control enabled. Contact your WatchGuard reseller or call WatchGuard directly (1.800.734.9905) for help determining the right security solution for your network. Visit **www.watchguard.com/sizing** to access the online product Sizing Tool.

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www.watchguard.com