

# FIREBOX M290 & M390

Up to 2.4 Gbps UTM throughput

DATA SHEET

## ENTERPRISE-GRADE SECURITY FOR SMALL TO MIDSIZE BUSINESSES

Because smaller companies are generally less protected and easier to break into, small business has become the new big target for cyberattacks. The Firebox M290 and M390 firewalls are specifically engineered to defend all types of small businesses against attacks that are no less fierce than those targeting larger organizations. Our unique product architecture enables small and midsize businesses to leverage best-in-class security services – from URL filtering and intrusion prevention to application control and ransomware prevention, minus the cost and complexity of multiple single-point solutions.



*"WatchGuard Firebox M series firewalls are well-suited for businesses with rapidly evolving networks who need defense against the latest threats. They offer a remarkable range of security features, intuitive management, and throughput your users need to keep up with the pace of business."*

*- Hayden Johnston, Operations Director at WYSCOM*

### QUICK AND SIMPLE DEPLOYMENT

With WatchGuard Cloud, IT staff can create and store configuration data in the Cloud (public or private) and have the 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 your staff travel time and money.

### AUTOMATION TO THE CORE

WatchGuard Firebox M Series appliances are designed with automation to the core, allowing your IT team to do more with less. The WatchGuard Automation Core makes it possible to deploy from the Cloud, block threats, update signatures, and detect and kill malware, all without lifting a finger.

### UNIFIED SECURITY DEFEATS COMPLEXITY

The WatchGuard Unified Security Platform™ is a true force multiplier for IT teams. It makes operational ease possible by integrating the WatchGuard Firebox with WatchGuard's authentication, endpoint security, and Wi-Fi solutions to enable comprehensive, multi-layered security. Unifying security into a single platform unlocks efficiencies simply not possible with siloed systems, allowing for automation of frequent manual tasks that take up time.

### A CLOUD'S-EYE VIEW OF YOUR ENTIRE NETWORK

WatchGuard Cloud provides full visibility into your network so that you can make timely, informed, and effective decisions about your network security anywhere, anytime. The platform displays 100+ dashboards and reports that allow you to quickly see high-level trends and anomalies, then drill down into detailed information on each.

### EXPANSION MODULES FOR GREATER PORT DENSITY

The Firebox M Series provides expansion bays that can be used to add network modules to define a configuration that meets the needs of almost any network configuration. Each appliance has an open module bay for expansion modules, with options for 8 x 1 Gb copper, 4 x 1 Gb copper, 4 x SFP, 2 x SFP+, or 4 x 1/2.5/5 Gb multi-speed ports. Network modularity empowers IT pros to customize the port configuration to meet their needs, while ensuring the flexibility to adapt the firewall as their network evolves.

### FEATURES & BENEFITS

- Enterprise-grade prevention, detection, correlation and response from the perimeter to the endpoint with our Total Security Suite.
- Gain critical insights about network security, from anywhere and at any time, with WatchGuard Cloud.
- Built-in compliance reports, including PCI and HIPAA, mean one-click access to the data you need to ensure compliance requirements are met.
- Up to 18 Gbps firewall throughput. Turn on all additional security services and still see up to 2.4 Gbps throughput.

## Firebox

	M290	M390
<b>THROUGHPUT<sup>1</sup></b>		
UTM (full scan) <sup>2</sup>	1.18 Gbps	2.4 Gbps
VPN (IMIX)	800 Mbps	1.8 Gbps
HTTPS Content Inspection (IPS enabled) <sup>3</sup>	696 Mbps	1.32 Gbps
Antivirus	1.47 Gbps	3.1 Gbps
IPS (full scan)	1.3 Gbps	3.3 Gbps
Firewall (UDP 1518)	5.8 Gbps	18.0 Gbps
VPN (UDP 1518)	2.4 Gbps	5.2 Gbps

## CAPACITY

	M290	M390
Interfaces 10/100/1000 <sup>4</sup>	8x1 Gb	8x1 Gb
I/O interfaces	1 serial/ 2 USB	1 serial/ 2 USB
Concurrent connections	3,500,000	4,500,000
New connections per second	34,000	98,000
VLANs	100	250
WSM licenses (incl)	4	4
EDR Core Licenses	75	150

## VPN TUNNELS

	M290	M390
Branch Office VPN	75	250
Mobile VPN	75	250

## SECURITY FEATURES

Firewall	Stateful packet inspection, TLS decryption, proxy firewall
Application proxies	HTTP, HTTPS, FTP, DNS, TCP/UDP, POP3S, SMTPS, IMAPS and Explicit Proxy
Threat protection	DoS attacks, fragmented & malformed packets, blended threats
Filtering options	Browser Safe Search, Google for Business

## VPN

Site to Site VPN	IKEv2, IPSec, Policy and Route Based Tunnels, TLS hub and spoke
Remote Access VPN	IKEv2, IPSec, L2TP, TLS

## VISIBILITY

Logging and notifications	WatchGuard Cloud & Dimension, Syslog, SNMP v2/v3
Reporting	WatchGuard Cloud includes over 100 pre-defined reports, executive summary and visibility tools

## CERTIFICATIONS

Security	Pending: Common Criteria, FIPS 140-3
Safety	NRTL/CB
Network	IPv6 Ready Gold (routing)
Hazardous substance control	WEEE, RoHS, REACH

## NETWORKING

SD-WAN	Multi-WAN failover, dynamic path selection, jitter/loss/latency measurement
Dynamic Routing	RIP, OSPF, BGP
High Availability	Active/passive, active/active
QoS	802.1Q, DSCP, IP Precedence
Traffic Management	By policy or application
IP address assignment	Static, DHCP (server, client, relay), PPPoE, DynDNS
NAT	Static, dynamic, 1:1, IPSec traversal, policy-based
Link aggregation	802.3ad dynamic, static, active/backup

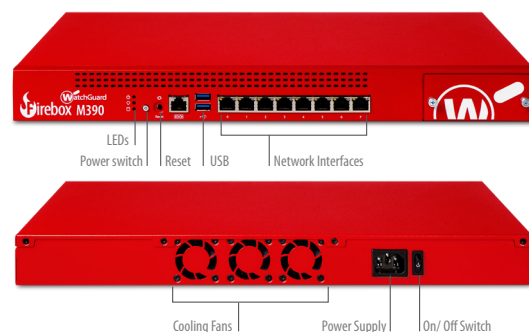
<sup>1</sup> Throughput rates are determined using multiple flows through multiple ports and will vary depending on environment and configuration. Max firewall throughput tested via direct connection using 1518 byte UDP frame based on RFC 2544 methodology. All testing performed on Fireware version 12.6.

<sup>2</sup> UTM throughput is measured using HTTP traffic with AV, IPS, and Application Control enabled, and does not account for all security services available on the appliance.

<sup>3</sup> HTTPS throughput is measured per NetSecOPEN methodology - 256k response with TLS1.2 AES256 + SHA-256.

<sup>4</sup> Firebox M290 and M390 ship with one empty bay that can accommodate one of the following: 8 x 1 Gb copper, 4 x 1 Gb copper, 4 x SFP fiber, 2 x SFP+ fiber, 4 x 1/2.5/5 Gb multi-speed ports. PoE+ not supported on M290 and M390.

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.



## PHYSICAL AND POWER SPECIFICATIONS

	M290	M390
<b>Product Dimensions (W x D x H)</b>	12.08" x 17.24" x 1.73" (307 mm x 438 mm x 44 mm)	12.08" x 17.24" x 1.73" (307 mm x 438 mm x 44 mm)
<b>Product Weight</b>	8.04 lbs (3.65 kg)	8.04 lbs (3.65 kg)
<b>Shipping Dimensions (W x D x H)</b>	22.71" x 8.14" x 17.44" (588 mm x 648 mm x 200 mm)	22.71" x 8.14" x 17.44" (588 mm x 648 mm x 200 mm)
<b>Shipping Weight</b>	11.53 lbs (5.23 kg)	11.53 lbs (5.23 kg)
<b>Power</b>	Single PSU -65W 90-264VAC~, 1.0A/1.5A, 47-63Hz	Single PSU -120W 90-264VAC~, 2.2A/2.4A, 47-63Hz
<b>Power Consumption</b>	110V AC power: 75W at 45 °C with 57% fan speed	110V AC power: 76W at 45 °C with 64% fan speed
<b>MTBF</b>	623,087 hours	578,655 hours
<b>ENVIRONMENT</b>	<b>OPERATING</b>	<b>STORAGE</b>
<b>Temperature</b>	32 °F to 104 °F (0 °C to 40 °C)	-40 °F to 158 °F (-40 °C to 70 °C)
<b>Relative Humidity</b>	5% to 90% non-condensing	5% to 90% non-condensing
<b>Altitude</b>	0 to 9,843 ft at 95 °F (0 to 3,000 m at 35 °C)	0 to 15,000 ft at 95 °F (0 to 4,570 m at 35 °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, phishing and much more. Total and Basic Security Suite packages are available on all Firebox solutions.

	SUPPORT	BASIC SECURITY	TOTAL SECURITY
Stateful Firewall	✓	✓	✓
VPN	✓	✓	✓
SD-WAN	✓	✓	✓
Access Portal*	✓	✓	✓
Intrusion Prevention Service (IPS)	✓	✓	✓
Application Control	✓	✓	✓
WebBlocker	✓	✓	✓
spamBlocker	✓	✓	✓
Gateway Antivirus	✓	✓	✓
Reputation Enabled Defense	✓	✓	✓
Network Discovery	✓	✓	✓
APT Blocker	✓	✓	✓
DNSWatch	✓	✓	✓
IntelligentAV**	✓	✓	✓
ThreatSync (XDR)	✓	✓	✓
EDR Core	✓	✓	✓
WatchGuard Cloud			
Log Data Retention		90 Days	365 Days
Report Data Retention		1 Day	30 Days
Support	Standard (24 x 7)	Standard (24 x 7)	Gold (24 x 7)

\*Not available on Firebox T20/T20-W, T25/T25-W, or T35-R. Total Security Suite required for M270, M370, M470, M570, M670, FireboxV and Firebox Cloud.

\*\*Not available on Firebox T20/T20-W, T25/T25-W, or T35-R.

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