

# FIREBOX M4600 & M5600

Up to 60 Gbps firewall throughput, 11 Gbps UTM throughput Up to 12.7 million concurrent connections and 240,000 new connections per second

## TOP OF THE LINE PERFORMANCE & SECURITY

With firewall throughput of up to 60 Gbps and UTM throughput up to 11 Gbps, the Firebox® M4600 and M5600 are our fastest Firebox appliances ever. This level of performance, paired with powerful security, flexible high-port density, and affordability makes these the ideal solutions for distributed, hub-and-spoke type deployment scenarios.



### Optional Modules

Choose the network interface modules that support your ideal M4600 or M5600 deployment



4 x 10 Gb Fiber



8 x 1 Gb Fiber



8 x 1 Gb Copper



2 x 40 Gb Fiber

“ With WatchGuard’s Firebox M4600 and M5600 appliances, we offer our customers enterprise-grade network security and the ability to maintain visibility across their entire network using the fastest, highest performing UTM solution on the market. ”

~ Jamison Masters, CIO, Verus Corporation

## EASILY MANAGE MANY APPLIANCES

Typically deployed at the corporate headquarters, these appliances serve as the “hub” – responsible for 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.

## 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.

## FEATURES & BENEFITS

- Up to 60 Gbps firewall throughput. Turn on all security scanning engines and still see an amazing 11 Gbps throughput.
- All logging and reporting functions included with purchase, with over 100 dashboards and reports including PCI and HIPAA.
- Nothing could be easier than WatchGuard’s drag-and-drop Branch Office VPN setup – three clicks and your remote office is connected.
- Customize your port configuration to meet current needs, knowing you have the flexibility to adapt as the network evolves. This is how to future-proof your network and eliminate costly rip-and-replace scenarios.
- Redundant hot-swap power supplies ensure maximum availability.

# Firebox

**M4600**  
base + 4 x 10 Gb interfaces

**M5600**  
base + 4 x 10 Gb interfaces

## THROUGHPUT

Firewall throughput*	40 Gbps	60 Gbps
VPN throughput*	10 Gbps	10 Gbps
AV throughput*	9 Gbps	12 Gbps
IPS throughput*	13 Gbps	18 Gbps
UTM throughput*	8 Gbps	11 Gbps
Interfaces (installed)	8 x 1Gb	8 x 1 Gb and 4 x 10 Gb
I/O interfaces	1 serial/2 USB	1 serial/2 USB
Concurrent connections (bi-directional)	7.5 million	12.7 million
New connections per second	160,000	240,000
VLANs	1,000	unrestricted
Authenticated users limit	unrestricted	unrestricted

## VPN TUNNELS

Branch Office VPN	5,000	unrestricted
Mobile VPN IPsec	10,000	unrestricted
Mobile VPN SSL/L2TP	10,000	unrestricted

## SECURITY FEATURES

Firewall	Stateful packet inspection, deep packet inspection, proxy firewall
Application proxies	HTTP, HTTPS, FTP, DNS, TCP/UDP, POP3, POP3S, SMTP, IMAPS, Explicit Proxy
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

## VPN & AUTHENTICATION

Encryption	DES, 3DES, AES 128-, 192-, 256-bit
IPSec	SHA-2, IKEv1/v2, IKE pre-shared key, 3rd party cert, Suite B
Single sign-on	Windows, macOS, 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	CC EAL4+ Pending: ICSA Firewall, ICSA IPSec VPN, FIPS 140-2
Safety	NRTL/C, CB
Network	IPv6 Ready Gold (routing)
Hazardous substance control	WEEE, RoHS, REACH

## STANDARD NETWORKING

Routing	Static, Dynamic (BGP, OSPF, RIP), SD-WAN Dynamic Path Selection, 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, USB modem as a dedicated interface

## PHYSICAL AND POWER SPECIFICATIONS

Product Dimensions M4600	17" x 1.8" x 18.5" (431 x 44 x 468 mm)
Product Dimensions M5600	17.4" x 1.8" x 22 (438 x 44 x 580 mm)
Shipping Dimension M4600	32" x 8.9" x 23" (795 x 225 x 595 mm)
Shipping Dimension M5600	23.5" x 8.9" x 31" (595 x 225 x 795 mm)
Shipping Dimension 10G Mod.	6.3" x 3.2" x 12" (160 x 80 x 300 mm)
Shipping Weight M4600	38 lb (17 kg)
Shipping Weight M5600	46 lb (21 kg)
Shipping Weight Module	.44 lb (.2 kg)
AC Power	100-240 VAC Autosensing
Power Consumption M4600	U.S. 300 Watts (max), 1024 BTU/hr (max)
Power Consumption M5600	U.S. 400 Watts (max), 1365 BTU/hr (max)
Rack Mountable	Sliding rack rails included
Redundant Power Supplies	Included

ENVIRONMENT	OPERATING	STORAGE
Temperature	32° F to 104° F 0° C to 40° C	-40° F to 158° F -10° C to 70° C
Relative Humidity	10% to 90% non-condensing	10% to 90% 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 M4600	50,843 hours @ 77° F (25° C)	
MTBF M5600	68,879 hours @ 77° F (25° C)	
MTBF Module	3,863,276 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.

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*	✓	
IntelligentAV*	✓	
Dimension Command	✓	
WatchGuard Cloud Visibility Data Retention	30 Days	1 Day
Support	Gold (24x7)	Standard (24x7)

\*Available on latest generation M Series appliances

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

\*Throughput rates are dependent on network interface modules selected for your M4600 or M5600 deployment. Details available at [www.watchguard.com/module](http://www.watchguard.com/module).

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. 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 model for your network. Visit [www.watchguard.com/sizing](http://www.watchguard.com/sizing) to access the online Product Sizing Tool.