



# Firebox M4850



## Secure Performance for Large Sites and Distributed Enterprises

Designed for organizations that have outgrown traditional midrange firewalls, the Firebox M4850 delivers high performance security for demanding network environments. Purpose built as the entry point to WatchGuard’s High Rackmount family, the M4850 combines strong firewall, VPN, UTM, and HTTPS inspection performance with integrated multi speed connectivity and redundant hardware. It enables organizations to step into high rackmount deployments without introducing unnecessary complexity or enterprise level cost.

Integrated High Speed Networking

Strong Encrypted Traffic Performance

Enterprise Grade Reliability

Increased Partner Confidence

### Firebox M4850

### Technical Specifications

#### Throughput <sup>1</sup>

Firewall (UDP 1518)	66.50 Gbps
Firewall (IMIX)	18.50 Gbps
UTM (Full Scan)	19.10 Gbps
UTM (Fast Scan)	23.50 Gbps
Antivirus	27.00 Gbps
IPS (Full Scan)	25.00 Gbps
IPS (Fast Scan)	32.00 Gbps
HTTPS Content Inspection IPS (Full Scan)	8.80 Gbps
VPN (UDP 1518)	18.9 Gbps
VPN (IMIX)	4.1 Gbps

#### Capacity

Network Interfaces	1 Gbps RJ45 x 8, 1 Gbps SFP x 4, 10 Gbps SFP+ x 6, 25 Gbps SFP28 x 2
OCP 3.0 Expansion Bay	Optional: 2.5 Gbps RJ45 x 4 or 25 Gbps SFP28 x 4 or 100 Gbps QSFP28 x 2
I/O interfaces	1 Serial/2 USB-A 3.0
Concurrent connections	37,000,000
Concurrent connections (proxy)	2,500,000
New connections per second	260,000
VLANs	Unrestricted
WSM licenses (included)	4
EDR Core Sensors included	250

#### VPN Tunnels

Branch Office VPN	5,000
Mobile VPN	10,000

#### Security Services

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

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**Technical Specifications**

<b>Certifications</b>		
<b>Security</b>	Pending: CC, FIPS 140-3	
<b>Safety</b>	NRTL/CB	
<b>Network</b>	IPv6 Ready Gold (routing)	
<b>Hazardous substance control</b>	WEEE, RoHS, REACH	
<b>Networking</b>		
<b>SD-WAN</b>	Multi-wan failover, dynamic path selection, jitter/loss/latency measurement	
<b>Dynamic Routing</b>	RIP, OSPF, BGP	
<b>High Availability</b>	Active/Passive, Active/Active	
<b>QoS</b>	802.1Q, DSCP, IP Precedence	
<b>Traffic Management</b>	By policy or application	
<b>IP address assignment</b>	Static, DHCP (server, client, relay), PPPoE, DynDNS	
<b>NAT</b>	Static, dynamic, 1:1, IPSec traversal, policy-based	
<b>Link aggregation</b>	802.3ad dynamic, static, active/backup	
<b>Physical and Power Specifications</b>		
<b>Product Dimensions</b>	20.25" x 17.32" x 1.73", 515mm x 440mm x 44mm	
<b>Shipping Dimension</b>	29.25" x 23.25" x 9", 751mm x 599mm x 237mm	
<b>Product Weight</b>	19.84 lbs, 9kg	
<b>Shipping Weight</b>	36.38 lbs, 16.5 kg	
<b>Power Consumption</b>	374.1 Watts	
<b>Power</b>	Dual hot-swappable, redundant power with 2x C14 inlet, 100-240VAC 50-60Hz, 10A max inputs	
<b>Fan Operation</b>	Redundant, hot-swappable fan modules, where one is hot-swappable at a time	
<b>Environment</b>	<b>Operating</b>	<b>Storage</b>
<b>Temperature</b>	32° F to 104° F 0° C to 40° C	-10° to 70°C 14° to 158°F
<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 (3,000 m at 35° C)	0 to 15,000 ft at 95° F (4,570 m at 35° C)
<b>MTBF</b>	TBD	

**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.



[Learn more](#) about WatchGuard Security Service Bundles

<sup>1</sup>Throughput rates are determined using multiple flows through multiple ports and will vary depending on the environment and configuration. Max firewall throughput tested via direct connection using 1518-byte UDP frames based on RFC 2544 methodology. All testing performed on Fireware version 2025.1.

<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.

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.

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

