FIREBOX T85

Up to 4.96 Gbps firewall throughput, 8 x 1Gb ports,
60 Branch Office VPNs

HIGH-PERFORMANCE SECURITY THAT EVOLVES WITH YOUR NETWORK

Businesses today are dependent on fast, reliable, and secure Internet connectivity, but struggle to find network security solutions that can keep up, let alone evolve as their needs change. Firebox T85 is one of the highest-performing tabletop appliances on the market and offers optional port expansion modules for integrated fiber connectivity, so you can adapt as your connectivity needs change.

"WatchGuard Firebox T Series firewalls offer a versatile security appliance that's well suited to deployments in home, and small to medium-size office environments. They offer a remarkable range of security features, intuitive management, and throughput your users need to keep up with the pace of business."

~ Dean Calvert, CEO, Calvert Technologies

TOTAL SECURITY, WHEREVER YOU NEED IT

Firebox T85 gives you a powerful tool for administering and enforcing policy across your extended network, allowing you to bring full UTM protection to small and midsize environments for tighter security. With full support for the Total Security Suite, T85 makes it possible to protect your smaller locations with advanced security services like Cloud sandboxing, AI-powered anti-malware, threat correlation, and DNS filtering.

QUICK AND SIMPLE DEPLOYMENT

Zero-touch deployment makes it possible to eliminate much of the labor involved in setting up a Firebox to connect to your network - all without having to leave your office. A robust, Cloud-based deployment and configuration tool comes standard with WatchGuard Firebox appliances. Local staff connects the device to power and the Internet, and the appliance connects to the Cloud for all its configuration settings.

Firebox T85 includes two Power over Ethernet (PoE+) ports to power a peripheral device allowing you to extend the reach of your network without running costly AC power to remote devices. With a port expansion bay, the T85 allows you to customize your port configuration with an SFP+ port for integrated fiber and LTE connectivity right from the appliance.

UNIFIED SECURITY PLATFORM® ARCHITECTURE

WatchGuard's Unified Security Platform framework is built from the ground up to enable a single console solution for provisioning, deploying, managing, and monitoring an integrated portfolio of advanced cybersecurity solutions and services. This comprehensive portfolio of endpoint, multi-factor authentication, Wi-Fi, and network security solutions (including Firebox firewall appliances) helps stop the attempted discovery and exploitation of vulnerable systems, phishing, ransomware, intrusions, and advanced malware across all users, environments, and devices. Our Unified Security Platform architecture replaces the old patchwork security approach and makes it possible to extend security capabilities to every computing environment where your business operates.

NETWORK OPTIMIZATION WITH SD-WAN

Firebox T85 makes network optimization easy. With integrated SD-WAN, you can decrease your use of expensive MPLS or cellular connections and inspect traffic from small offices while improving the resiliency and performance of your network.

FEATURES & BENEFITS

- 8 Gigabit Ethernet ports support high-speed LAN backbone infrastructures & gigabit WAN connections.

- Two Integrated PoE+ ports for powering peripheral devices.

- Adapt as your network evolves with optional SFP+ fiber and 4G/LTE port expansion modules.

- All logging and reporting functions included with purchase, with over 100 dashboards and reports including PCI and HIPAA.

Firebox T85   TECHNICAL SPECIFICATIONS

THROUGHPUT [1]

UTM (full scan) [2]	943 Mbps
Firewall (IMIX)	2.40 Gbps
VPN (IMIX)	680 Mbps
HTTPS Content Inspection (IPS enabled) [3]	576 Mbps
Antivirus	1.53 Gbps
IPS (full scan)	1.28 Gbps
Firewall (UDP 1518)	4.96 Gbps
VPN (UDP 1518)	2.04 Gbps

CAPACITY

Interfaces 10/100/1000	8
I/O interfaces	1 Serial/2 USB
Concurrent connections	3,800,000
Concurrent connections (Proxy)	3,800,000
New connections per second	35,500
VLANs	75
WSM licenses (incl)	0
TDR Host Sensors included	50

VPN TUNNELS

Branch Office VPN	60
Mobile VPN	60

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: CC, FIPS 140-2
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

LEDs

USB   Network Interfaces   Power Switch
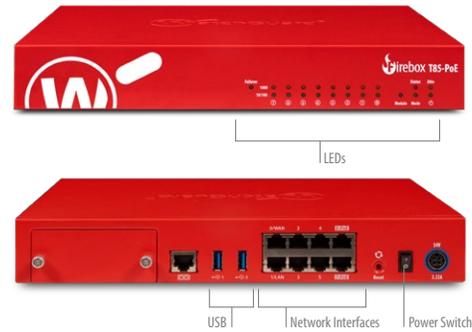
PHYSICAL AND POWER SPECIFICATIONS

Product Dimensions (W x D x H)	8.09" x 11.41" x 1.7" (205.5mm x 290mm x 43 mm)
Product Weight	5.82 lbs (2.6 kg)
Shipping Dimensions (W x D x H)	14.99" x 12.17" x 4.08" (380.5mm x 309.2mm x 103.7 mm)
Shipping Weight	6.83 lbs (3.1 kg)
Power	90-264 VAC Autosensing
Power Consumption	No PoE: 27 Watts 2x PoE: 96 Watts
MTBF	1,155,348 hours

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 85% non-condensing
Altitude	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			50
WatchGuard Cloud Visibility Data Retention		1 Day	30 Days
Support	Standard (24 x 7)	Standard (24 x 7)	Gold (24 x 7)

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

* 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.

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** to access the online Product Sizing Tool.

[1] 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.

[2] 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.

[3] HTTPS throughput is measured per NetSecOPEN methodology - 256k response with TLS1.2 AES256 + SHA-256.