DATASHEET

FIREBOX T45

Available with optional integrated Wi-Fi 6 wireless module
Up to 3.94 Gbps firewall throughput, 5 x 1Gb ports, 30 Branch Office VPNs



ENTERPRISE-GRADE SECURITY FOR BRANCH OFFICES AND RETAIL ENVIRONMENTS

WatchGuard Firebox T45 tabletop appliances bring enterprise-level network security to small office/branch office and retail environments. These appliances are small-footprint, cost-effective security powerhouses that deliver all the features present in WatchGuard's higher-end UTM appliances, including all security capabilities, such as AI-powered anti-malware, threat correlation, and DNS-filtering.

"We are deeply impressed by the outstanding performance of this tabletop device. This device, having one PoE+ port for powering a phone or access point, is an excellent choice for connecting home offices or smaller branch offices."

~ Bernd Och, CEO, BOC IT-Security GmbH

BIG SECURITY IN A SMALL APPLIANCE

With the Total Security Suite, WatchGuard's Firebox includes a complete and industry-best set of threat management solutions, including gateway antivirus, content and URL filtering, antispam, intrusion prevention, application control, Cloud sandboxing, and endpoint protections, all in an easy-to-manage package.

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.

Integrated support for PoE+ means you can avoid running separate power cables to peripheral devices like security cameras, VoIP phones, or wireless access points.

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 T45 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

- 5 Gigabit Ethernet ports support high-speed LAN backbone infrastructures & gigabit WAN connections.
- Integrated PoE+ port for powering peripheral devices.
- Wi-Fi capable Firebox T45-W & T45-W-PoE supports the 802.11ax Wi-Fi 6 standard, ensuring fast speeds for your users.
- All logging and reporting functions included with purchase, with over 100 dashboards and reports including PCI and HIPAA.

Firebox T45-W/ T45-PoE/ T45-W-PoE

TECHNICAL SPECIFICATIONS

THROUGHPUT [1]	
UTM (full scan) [2]	557 Mbps
Firewall (IMIX)	1.44 Gbps
VPN (IMIX)	460 Mbps
HTTPS Content Inspection (IPS enabled) [3]	301 Mbps
Antivirus	874 Mbps
IPS (full scan)	716 Mbps
Firewall (UDP 1518)	3.94 Gbps
VPN (UDP 1518)	1.58 Gbps

CAPACITY	
Interfaces 10/100/1000	5
I/O interfaces	1 Serial/2 USB
Concurrent connections	3,850,000
Concurrent connections (Proxy)	3,850,000
New connections per second	26,500
VLANs	50
WSM licenses (incl)	0
TDR Host Sensors included	20

VPN TUNNELS	
Branch Office VPN	30
Mobile VPN	30

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

[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.



PHYSICAL AND POWER SPECIFICATIONS

Product Dimensions (W x D x H)	8" x 8.5" x 1.7" (203.2 mm x 215.9 mm x 43.2 mm)
Product Weight	T45/ T45-PoE: 1.94 lbs (0.88 kg) T45-W-PoE: 1.98 lbs (0.9 kg)
Shipping Dimensions (W x D x H)	12.1" x 10.2" x 7.2" (308 mm x 261 mm x 181 mm)
Shipping Weight	4.1 lbs (1.86 kg)
Power	100-240 VAC Autosensing
Power Consumption	No PoE: 24 Watts With PoE: 60 Watts
MTBF	157,751 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			20
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.

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