WatchGuard® XTM 1520, 1525, and 2520

Next-Generation Firewalls

The XTM 1520, 1525, and 2520 are next-generation firewalls that provide unparalleled visibility into real-time and historical user, network, and security activities.

Application Control:

• Provides global and policy-based monitoring and blocking of over 1,800 unique web and business applications for greater productivity and enhanced security.

• Empower administrators to exercise fine-grained control over hundreds of applications, and understand which applications are being used and by whom, by using over 2,500 signatures and advanced behavioral techniques.

• With this fully integrated security subscription, IT Administrators can enforce acceptable use policies for users and groups by category, application, and application sub-functions. For example, they can define a policy that allows the marketing department to access Facebook, but not Facebook games.

Intrusion Prevention Service:

• Identify malware and allow, block or log questionable traffic based on type, user/group, protocol and severity.

• Scan all protocols, including HTTP, HTTPS, FTP, TCP, UDP, DNS, SMTP and POP3 to block network, application, and protocol-based attacks.

• Update signatures without interruption as new threats emerge.

Support:

• WatchGuard provides LiveSecurity® Plus with every NGFW Bundle and Security Bundle for 24x7 technical support, hardware warranty, and software updates. Customers can upgrade to LiveSecurity Gold or LiveSecurity Platinum for extended protection.

• Advance Hardware Replacement (RMA) program that ships a replacement via pre-paid, next-day air freight in advance of receiving the returned appliance.

• Upgrade to Premium 4 Hr RMA (available in select regions) and within 4 hours of approval by WatchGuard support, replacement appliances are delivered on-site.

The WatchGuard next-generation firewall (NGFW) series includes three high performance platforms, the XTM 1520, 1525, and 2520, which provide fully extensible, enterprise-class protection and productivity safeguards. Both are targeted toward headquarters, data centers and managed security service providers.

WatchGuard's flagship, next-generation products provide true line-speed security inspection on all traffic and support multi-gigabit packet filtering throughput. In addition, this next-generation line provides application control; connects offices via unique drag-and-drop VPN; connects people via SSL, L2TP, and IPSec VPN; and gives businesses unparalleled visibility into real-time and historical user, network, and security activities. With WatchGuard solutions, businesses can define, enforce, and audit strong security and acceptable use policies, resulting in increased employee productivity and less risk to critical intellectual property or customer data.

This all-in-one solution integrates IPS, Application Control, and other optional security services, and LiveSecurity to save the time and money associated with managing multiple single-point security products.

XTM 1520, 1525, and 2520 Technical Specifications

	XTM 1520	XTM 1525	XTM 2520
Throughput and Connections			
Firewall throughput	14 Gbps	25 Gbps	35 Gbps
VPN throughput	10 Gbps	10 Gbps	10 Gbps
AV throughput	8 Gbps	9 Gbps	9.7 Gbps
IPS throughput	11 Gbps	13 Gbps	15 Gbps
UTM throughput	6.7 Gbps	6.7 Gbps	up to 10 Gbps
1-Gigabit interfaces	14	6	12
10-Gigabit fiber interfaces	–	4	4
I/O Interfaces	1 Serial / 2 USB	1 Serial / 2 USB	1 Serial / 2 USB
Nodes supported (LAN IPs)	Unrestricted	Unrestricted	Unrestricted
New connections per second	70,000	70,000	70,000
Concurrent connections (bi-directional)	2,000,000	2,000,000	2,500,000
VLAN support	2,000	3,000	4,000
User authentication	Unrestricted	Unrestricted	Unrestricted
VPN Tunnels			
Branch Office VPN	10,000	10,000	Unrestricted
Mobile VPN Tunnels: IPSec / SSL / L2TP	15,000	20,000	Unrestricted
Dimensions & Power			
Product Dimensions	16.5 x 17 x 1.75 in (42 x 43 x 4.4 cm)		22 x 17 x 1.75 in (56 x 43 x 4.4 cm)
Shipping Dimensions	22 x 22.5 x 5.25 in (56 x 56.5 x 13.3 cm)		28.5 x 21 x 5 in (72 x 53 x 13 cm)
Shipping Weight	20 lbs. (9 kg)		36 lbs. (16 kg)
AC Power	100-250 VAC Autosensing		Redundant 100-250 VAC Autosensing
Power consumption	U.S. 250 Watts (max), 854 BTU/hr (max)		U.S. 250 Watts (max), 854 BTU/hr (max)
Rack Mount (included)	1U rack mount kit		1U rack mount kit with slide rack rail
Storage			
Memory (RAM)	16 GB total		32 GB total
Hard Drive*	250GB		500GB
Environment			
Temperature - Operating	32° to 113° F (0° to 45° C)		
Temperature - Storage	-40° to 158° F (-40° to 70° C)		
Relative Humidity - Operating	10% to 85% non-condensing		
Relative Humidity - Storage	10% to 95% non-condensing		
Altitude - Operating	0 to 9,843 ft at 95° F (3,000 m at 35° C)		
Altitude - Storage	0 to 15,000 ft at 95° F (4,570 m at 35° C)		

*Hard drives included for future capabilities.

Next-Generation Security

Firewall	Stateful Packet Inspection, Deep Application Inspection, Proxy Firewall
Application Proxies	HTTP, HTTPS, SMTP, FTP, DNS, TCP, POP3
Threat Protection	Blocks spyware, DoS attacks, fragmented & malformed packets, blended threats & more
VoIP	H.323. SIP, Call Setup/Session Security
Security Subscriptions	Application Control, Intrusion Prevention Service, Gateway AntiVirus, Reputation Enabled Defense, spamBlocker, WebBlocker

VPN & Authentication

Encryption	DES, 3DES, AES 128/192/256-bit
IPSec	SHA-1, MD5, IKE pre-shared key, 3rd party cert
L2TP	Works with most native OS clients
PPTP	Server & Passthrough
VPN Failover	Yes
SSL	Thin client
Single Sign-On	Transparent Active Directory Authentication
XAUTH	Radius, LDAP, Secure LDAP, Windows Active Directory
Other User Authentication	VASCO, RSA SecurID, Web-based, Local, Microsoft Terminal Services and Citrix

Networking

Operating System	Fireware® XTM Pro
IP Address Assignment	Static, DynDNS, PPPoE, DHCP (server, client, relay)
Routing	Static, dynamic (BGP4, OSPF, RIP v1/v2), policy-based
QoS	8 priority queues, diffserv, modified strict queuing
VLAN Support	Bridging, tagging, routed mode
High Availability	Active/passive, active/active with load balancing
NAT	Static, dynamic, 1:1, IPSec NAT traversal, Policy-based NAT, Virtual IP
Link aggregation	802.3ad dynamic, static, active/backup
Other Networking	Port independence, WAN failover, load balancing, transparent/drop-in mode

Management

Management Platform	WatchGuard System Manager v.11.6.4 or higher
Alarms and Notifications	SNMP v2/v3, Email, Mgmt. System Alert
Server Support	Logging, Reporting, Quarantine, WebBlocker, Management
Web UI	Supports Windows, Mac, Linux, and Solaris OS with most common browsers
CLI	Includes direct connect and scripting

Certifications

WEEE/RoHS Compliant	Yes
Security	Pending: ICSA Firewall, ICSA VPN, EAL4+, FIPS 140-2
Safety	NRTL/C, CB, CE
Network	IPv6 Ready Gold (routing)

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