WatchGuard®
Datasheet

WatchGuard® XTM 1050 and 2050
Next-Generation Firewalls

The XTM 1050 and 2050 are next-generation firewalls that provide the enterprise 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 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 and within 4 hours of approval by WatchGuard support, replacement appliances are delivered on-site.

The WatchGuard next-generation firewall (NGFW) series is comprised of two high performance platforms, the XTM 1050 and the XTM 2050, which provide fully extensible, enterprise-class protection and productivity safeguards. Both are targeted toward large enterprises, headquarters, data centers and managed security service providers.

WatchGuard's NGFW products provide true line-speed security inspection on all traffic and support multi-gigabit packet filtering throughput. In addition, the NGFW line provides application control; connects offices via unique Drag and Drop VPN; connects people via SSL and IPSec VPN; and gives the enterprise unparalleled visibility into real-time and historical user, network, and security activities. With WatchGuard's NGFW, 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 LiveSecurity to save time and money associated with managing multiple single-point security products.

XTM 1050 & 2050 Technical Specifications

	Next Generation Firewalls			
	XTM 1050		**XTM 2050**	
Throughput and Connections				
Firewall throughput	10 Gbps		20 Gbps	
VPN throughput	1.6 Gbps		1.6 Gbps	
XTM aggregate throughput	2 Gbps		up to 10 Gbps	
Interfaces 10/100/1000	12		16	
Fiber Modules*	4 1G SFP+ or 1 10G SFP+		2 10G SFP+	
I/O Interfaces	1 Serial 2 Management 2 USB		1 Serial 1 Management 2 USB	
Nodes supported (LAN IPs)	Unrestricted		Unrestricted	
Concurrent connections (bi-directional)	1,250,000		2,500,000	
VLAN support bridging, tagging, routed mode	500		500	
VPN Tunnels				
Branch Office VPN	7,000		10,000	
Mobile VPN Tunnels (IPSec/SSL)	15,000		20,000	
Dimensions & Power				
Product Dimensions	16.9 x 20.1 x 3.5 in (43.0 x 51.0 x 8.8 cm)		19 x 27 x 3.5 in (48.2 x 68.6 x 8.8 cm)	
Shipping Dimensions	21.5 x 27 x 10.5 in (64.1 x 68.6 x 26.7 cm)		23 x 34 x 10.25 in (58.3 x 86.4 x 24.7 cm)	
Shipping Weight	50 lbs. (22.7 kg)		58 lbs (26.3 kg)	
AC Power	100-240 VAC Autosensing		100-240 VAC Autosensing	
Rack Mountable	2U rack-mounted, brackets with rear rails included		2U rack-mounted, brackets with rear rails included	
Environment	**Operating**	**Storage**	**Operating**	**Storage**
Temperature	32° to 104° F 0° to 40° C	-40° to 158° F -40° to 70° C	32° to 104° F 0° to 40° C	-40° to 158° F -40° to 70° C
Relative Humidity	10% to 85% non-condensing	10% to 95% non-condensing	10% to 85% non-condensing	5% 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)	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 (incl. fans and power supply)	47,658 hours @ 77° F (25° C)		90,408 hours @ 77° F (25° C)	

*Fiber modules on the XTM 1050 are optional. Fiber modules on the XTM 2050 are included.

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
SSL	Thin client, Web
PPTP	Server & Passthrough
VPN Failover	Yes
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	500 VLANs (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
Other Networking	Port independence, WAN failover, load balancing, transparent/drop-in mode

Management

Management Platform	WatchGuard SystemManager v.11.5 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 Certifications	ICSA, FIPS, EAL4 pending
Safety Certifications	NRTL/C, CB, CE pending