



SonicWALL Network Security Appliance 2400MX

NETWORK SECURITY

Revolutionary protection, scalability and performance

Today's business networks need both robust security to counter the rapid proliferation of emerging sophisticated threats and flexible switching to provide responsive business communications channels in a turbulent global marketplace. Meeting both these goals often requires purchasing separate hardware, which increases the costs and resources spent deploying and managing each component.

The SonicWALL® NSA 2400MX eliminates this problem by delivering robust, high-performance security on a next-generation Unified Threat Management (UTM) platform that features a breakthrough Reassembly-Free Deep Packet Inspection™ technology and multi-core hardware design, to deliver real-time comprehensive network protection, high-speed intrusion prevention, file and content inspection, and powerful Application Intelligence capabilities without compromising network performance.

At the same time, the NSA 2400MX also provides flexible, intelligent switching capabilities with its unique PortShield architecture, increased port density with 26 interfaces, two module slots for future expandability and advanced switching, routing, networking and connectivity features. By integrating high-performance UTM with advanced switching functionality, the NSA 2400MX offers peerless scalability, granular configuration flexibility, and centralized control.

Designed for small and medium-sized businesses (SMBs) and branch office networks, the NSA 2400MX offers best-in-class threat prevention, rapid deployment and lowered total cost of ownership (TCO). An affordable platform that is easy to deploy, configure and manage in a wide variety of environments, the NSA 2400MX reduces upfront infrastructure expenses and ongoing administrative overhead costs. The NSA 2400MX also supports integrated virtual private networks (VPNs), virtual local area networks (VLANs), standards-based Voice over IP (VoIP), dynamic routing and Quality of Service (QoS) features, further extending security and performance through the network environment.

Features and Benefits

Next-Generation Unified Threat Management (UTM) Security integrates intrusion prevention, file and content inspection and Application Intelligence, a suite of configurable tools that prevents data leakage and offers granular application intelligence.

Scalable Protection with Reassembly-Free Deep Packet Inspection eliminates threats over unlimited file sizes and virtually unrestricted concurrent connections, offering ultimate scalability.

Unique PortShield Architecture provides the flexibility to configure all 26 LAN switch ports into separate security zones such as LANs, WLANs and DMZs, providing protection not only from the WAN and DMZ, but also between devices inside the LAN. Effectively, each security zone has its own wire-speed 'mini-switch' that enjoys the protection of a dedicated deep packet inspection firewall.

Increased Port Density with Advanced Switching provides the highest port density of any product in its class, featuring 10 GbE and 16 FE ports, port bonding, QoS and port-level security.

Advanced Routing Services and Networking Features include support for Open Shortest Path First (OSPF), Router Information Protocol (RIP), 802.1q VLANs, Multi-WAN failover, zone- and object-based management, load balancing, advanced NAT modes and more, to ensure network availability, ease integration, provide granular configuration flexibility and deliver comprehensive protection.

State-of-the-Art Performance and Lowered TCO takes advantage of SonicWALL multi-core performance architecture to increase throughput and simultaneous inspection capabilities dramatically, while keeping power consumption nearly constant.

Standards-based Voice over IP (VoIP) capabilities provide the highest levels of security for every element of the VoIP infrastructure, from communications equipment to VoIP-ready devices such as SIP Proxies, H.323 Gatekeepers and Call Servers.

Innovative SonicWALL Clean VPN™ delivers the critical dual protection of SSL VPN and high-performance Unified Threat Management (UTM) necessary to secure the integrity of both VPN access and traffic, thereby ensuring decontamination of mobile user and branch office traffic, preventing vulnerabilities and malicious code from entering the corporate network.

SonicWALL Global Management System (GMS) offers flexible, powerful and intuitive tools for centralized global management, simplified configuration, policy enforcement, real-time monitoring, and integrated policy and compliance reporting for SonicWALL appliances.

- Next-Generation UTM Security
- Scalable Protection with Reassembly-Free Deep Packet Inspection
- Unique PortShield Architecture
- Increased Port Density with Advanced Switching
- Advanced Routing Services and Networking Features
- State-of-the-Art Performance and Lowered TCO
- Standards-based Voice over IP (VoIP)
- Innovative SonicWALL Clean VPN™
- SonicWALL Global Management System (GMS)



Specifications



Network Security Appliance 2400MX
01-SSC-7100
NSA 2400MX TotalSecure® (1-year)
01-SC-8854

For more information on SonicWALL network security solutions, please visit www.sonicwall.com.

*Includes one-year of Gateway Anti-Virus, Anti-Spyware, Intrusion Prevention, Application Intelligence Service, Content Filtering Service, Dynamic Support 24x7 and ViewPoint Reporting.

Firewall		NSA 2400MX	
SonicOS Version	SonicOS Enhanced 5.7 (or higher)		
Stateful Throughput ¹	775 Mbps		
GAV Performance ²	160 Mbps		
IPS Performance ²	275 Mbps		
UTM Performance ²	150 Mbps		
IMIX Performance ²	235 Mbps		
Maximum Connections ³	225,000		
Maximum UTM Connections	125,000		
New Connections/Sec	4,000		
Nodes Supported	Unrestricted		
Denial of Service Attack Prevention	22 classes of DoS, DDoS and scanning attacks		
SonicPoints Supported (Maximum)	32		
VPN			
3DES/AES Throughput ⁴	300 Mbps		
Site-to-Site VPN Tunnels	75		
Bundled Global VPN Client Licenses (Maximum)	10 (250)		
Bundled SSL VPN Licenses (Maximum)	2 (25)		
Virtual Assist Bundled (Maximum)	1 (5)		
Encryption/Authentication/DH Group	DES, 3DES, AES (128, 192, 256-bit), MD5, SHA-1/DH Groups 1, 2, 5, 14		
Key Exchange	Key Exchange IKE, IKEv2, Manual Key, PKI (X.509), L2TP over IPsec		
Route-Based VPN	Yes (OSPF, RIP)		
Certificate Support	Verisign, Thawte, Cybertrust, RSA Keon, Entrust, and Microsoft CA for SonicWALL-to-SonicWALL VPN, SCEP		
Dead Peer Detection	Yes		
DHCP Over VPN	Yes		
IPSec NAT Traversal	Yes		
Redundant VPN Gateway	Yes		
Global VPN Client Platforms Supported	Microsoft® Windows 2000, Windows XP, Microsoft® Vista 32-bit/64 bit, Windows 7		
SSL VPN Platforms Supported	Microsoft® Windows 2000 / XP / Vista 32/64-bit / Windows 7, Mac 10.4+, Linux FC 3+ / Ubuntu 7+ / OpenSUSE		
Security Services			
Deep Packet Inspection Service	Gateway Anti-Virus, Anti-Spyware, Intrusion Prevention and Application Intelligence		
Content Filtering Service Premium Edition	(CFS) HTTP URL, HTTPS IP, keyword and content scanning ActiveX, Java Applet, and cookie blocking		
Gateway-enforced Client Anti-Virus and Anti-Spyware	HTTPS, SMTP, POP3, IMAP and FTP, Enforced McAfee™ Clients Email attachment blocking		
Comprehensive Anti-Spam Service	Yes		
Application Intelligence	Provides application level enforcement and bandwidth control, regulate Web traffic, email, email attaches and file transfers, scan and restrict documents and files for key words and phrases		
Networking			
IP Address Assignment	Static, (DHCP, PPPoE, L2TP and PPTP client), Internal DHCP server, DHCP relay		
NAT Modes	1:1, 1:many, many:1, many:many, flexible NAT (overlapping IPs), PAT, transparent mode		
VLAN Interfaces (802.1q)	25		
Routing	OSPF, RIPv1/v2, static routes, policy-based routing, Multicast		
QoS	Bandwidth priority, maximum bandwidth, guaranteed bandwidth, DSCP marking, 802.1p		
IPv6	IPv6 Ready		
Authentication	XAUTH/RADIUS, Active Directory, SSO, LDAP, Novell, Internal user database, Terminal Services, Citrix		
Internal Database/Single Sign-on Users	250/250 Users		
VoIP	Full H.323v1-5, SIP, gatekeeper support, outbound bandwidth management, VoIP over WLAN, deep inspection security, full interoperability with most VoIP gateway and communications devices		
Switching Features	VLAN Trunking, Rapid Spanning Tree, Layer 2 Discovery, Link Aggregation, Port Mirroring, Layer 2 QoS, Rate Control, Port Security		
System			
Zone Security	Yes		
Schedules	One Time, Recurring		
Object-based/Group-based Management	Yes		
DDNS	Yes		
Management and Monitoring	Web GUI (HTTP, HTTPS), Command Line (SSH, Console), SNMP v2: Global management with SonicWALL GMS		
Logging and Reporting	ViewPoint® Local Log, Syslog, Solera Networks		
High Availability	Optional Active/Passive with State Sync		
Load Balancing	Yes, (Outgoing with percent-based, round robin and spill-over); (Incoming with round robin, random distribution, sticky IP, block remap and symmetrical remap)		
Standards	TCP/IP, UDP, ICMP, HTTP, HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE, L2TP, PPTP, RADIUS, IEEE 802.3		
Wireless Standards	802.11 a/b/g/n, WPA2, WPA, TKIP, 802.1x, EAP-PEAP, EAP-TTLS		
Hardware			
Interfaces	(16) 10/100, (10) 10/100/1000 Copper Gigabit Ports, 1 Console Interface, 2 USB, 2 Module Slots (For Future Use)		
Memory (RAM)	512 MB		
Flash Memory	512 MB Compact Flash		
3G Wireless/Modem*	With 3G USB Adapter Modem		
Power Supply	Single 180W ATX Power Supply		
Fans	2 Fans		
Power Input	100-240Vac, 60-50Hz		
Max Power Consumption	52W		
Total Heat Dissipation	177BTU		
Certifications	VPNC, ICSA Firewall 4.1		
Certifications Pending	EAL-4+, FIPS 140-2		
Form Factor and Dimensions	1U rack-mountable/ 17 x 13.25 x 1.75 in/ 43.18 x 33.65 x 4.44 cm		
Weight	11.75 lbs/ 5.3 kg		
WEEE Weight	12.25 lbs/ 5.6 kg		
Major Regulatory	FCC Class A, CES Class A, CE, C-Tick, VCCI, Compliance MIC, UL, cUL, TUV/GS, CB, NOM, RoHS, WEEE		
Environment	40-105° F, 5-40° C		
MTBF	8.4 years		
Humidity			
Operating Humidity	10-95% RH, non-condensing		
Non-operating Humidity	90% RH, non-condensing		

¹ Testing Methodologies: Maximum performance based on RFC 2544 (for firewall). Actual performance may vary depending on network conditions and activated services. ² UTM/Gateway AV/Anti-Spyware/IPS throughput measured using industry standard Spint WebVainche HTTP performance test and Ixia test tools. Testing done with multiple flows through multiple port pairs. ³ Actual maximum connection counts are lower when UTM services are enabled. ⁴ VPN throughput measured using UDP traffic at 1280 byte packet size adhering to RFC 2544. *USB 3G card not included. See <http://www.sonicwall.com/us/products/cardsupport.html> for supported USB devices.

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SonicWALL's line-up of comprehensive protection



NETWORK SECURITY



SECURE REMOTE ACCESS



WEB AND E-MAIL SECURITY



BACKUP AND RECOVERY



POLICY AND MANAGEMENT

