SonicWALL Network Security Appliance 2400MX

Revolutionary protection, scalability and performance

- **Increased Port Density with Advanced Switching**

- **Advanced Routing Services and Networking Features**

- **High-Performance UTM Security**

- **Scalable Protection with Reassembly-Free Deep Packet Inspection**

- **Unique PortShield Architecture**

- **State-of-the-Art Performance and Lowered TCO**

- **Standards-based Voice over IP (VoIP)**

- **Innovative SonicWALL Clean VPN™**

- **SonicWALL Global Management System (GMS)**

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 necessities 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 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 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, dynamic 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

Increased Port Density with Advanced Switching provides the highest port density of any product in its class, with (10) 1 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, ISP 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.

High-Performance Unified Threat Management (UTM) Security integrates intrusion prevention, gateway anti-virus, anti-spyware and 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.

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, while preventing vulnerabilities and malicious code from entering the corporate network.

SonicWALL GlobalManagement 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.

SONICWALL®

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	HTTP/S, 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 Spirent WebAvalanche 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.

SonicWALL's line-up of comprehensive protection

NETWORK SECURITY

SECURE REMOTE ACCESS

WEB AND E-MAIL SECURITY

BACKUP AND RECOVERY

POLICY AND MANAGEMENT

SONICWALL®