



SonicWALL Network Security Appliance 2400MX

NETWORK SECURITY

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 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.



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		1778TU	
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, G-Tick, VCCI, Compliance MIC, UL, cUL, TUV/GS, CB, NOM, RoHS, WEEE	
Environment		40-105° F, 5-40° C	
MTBF		8.4 years	
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 HT IP 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

