

# SonicWall Product Lines

## Contents

SonicWall SuperMassive E10000 series	2
SonicWall SuperMassive 9000 series	3
SonicWall NSA series	4
SonicWall TZ series	5
SonicWall WAN Acceleration Appliance (WXA) series	8
SonicWall SonicPoint series wireless access points	9
SonicWall Secure Mobile Access 1000 series	11
SonicWall Secure Mobile Access 100 series	12
SonicWall Email Security	14
SonicWall Global Management System	16
SonicWall Analyzer	17

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## SonicWall SuperMassive E10000 series

	E10400	E10800
Operating system	SonicOS	
Security processing cores	48	96
10 GbE interfaces	6 x 10-GbE SFP+	
1 GbE interfaces	16 x 1-GbE SFP	
Management interfaces	1 GbE, 1 console	
Memory (RAM)	32 GB	64 GB
Storage	80 GB SSD, flash	
Firewall inspection throughput <sup>1</sup>	20 Gbps	40 Gbps
Application inspection throughput <sup>2</sup>	15 Gbps	30 Gbps
IPS throughput <sup>2</sup>	15 Gbps	28 Gbps
Anti-malware inspection throughput <sup>2</sup>	6 Gbps	12 Gbps
IMIX performance	4.3 Gbps	9 Gbps
SSL-DPI performance	3 Gbps	5 Gbps
VPN throughput <sup>3</sup>	7.5 Gbps	11 Gbps
Latency	24µs	
Connections per second	200,000/sec	400,000/sec
Maximum connections (SPI)	6 M	12 M
Maximum connections (DPI)	5 M	10 M
SSO users	40,000	60,000
<b>VPN</b>	<b>E10400</b>	<b>E10800</b>
Site-to-site tunnels	10,000	
IPSec VPN clients (max)	2,000 (10,000)	
Encryption	DES, 3DES, AES (128, 192, 256-bit)	
Authentication	MD5, SHA-1, Common Access Card (CAC)	
Key exchange	Diffie Hellman Groups 1, 2, 5, 14	
Route-based VPN	RIP, OSPF	
<b>Networking</b>	<b>E10400</b>	<b>E10800</b>
IP address assignment	Static, internal DHCP server, DHCP relay	
NAT modes	1:1, many:1, 1:many, flexible NAT (overlapping IPs), PAT, transparent mode	
VLAN interfaces	1024	2048
Routing protocols	BGP, OSPF, RIPv1/v2, static routes, policy-based routing, multicast	
QoS	Bandwidth priority, max bandwidth, guaranteed bandwidth, DSCP marking, 802.1p	
Authentication	XAUTH/RADIUS, Active Directory, SSO, LDAP, Novell, internal user database, Terminal Services, Citrix	
VoIP	Full H323-v1-5, SIP	
Standards	TCP/IP, ICMP, HTTP, HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE, L2TP, PPTP, RADIUS, IEEE 802.3	
Certifications	FIPS 140-2, Common Criteria NDPP, IPv6 Phase 2, VPAT, VPNC	
Third-party verification	NSS NGFW Recommended and NSS IPS Recommended	
<b>Hardware</b>	<b>E10400</b>	<b>E10800</b>
Power supply	Dual-redundant, hot-swappable, 850 W	
Fans	Dual-redundant, hot-swappable	
Display	Front LED display	
Input power	100-240 VAC, 60-50 Hz	
Maximum power consumption (W)	550	750
MTBF @25°C in hours	120,790	
MTBF @25°C in years	13.789	
Form factor	4U Rack Mountable	
Dimensions	17x18x7 in (43x43.5x17.8 cm)	
Weight	61 lb (27.7 kg)	67 lb (30.3 k)
WEEE weight	62 lb (28.1 kg)	68 lb (30.8 kg)
Shipping weight	82 lb (37.2 kg)	88 lb (39.9 kg)
Major regulatory	FCC Class A, CE, C-Tick, VCCI, Compliance MIC, UL, cUL, TUV/GS, CB, NOM, RoHS, WEEE	
Environment	40-105 F, 5-40 deg C	
Humidity	10-90% non-condensing	

<sup>1</sup> Testing methodologies: Maximum performance based on RFC 2544 (for firewall). Actual performance may vary depending on network conditions and activated services. <sup>2</sup> Full DPI/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. <sup>3</sup> VPN throughput measured using UDP traffic at 1280 byte packet size adhering to RFC 2544. All specifications, features and availability are subject to change.

## SonicWall SuperMassive 9000 series

	9200	9400	9600	9800
Operating system	SonicOS			
Security processing cores	24	32		64
10 GbE interfaces	4 x 10-GbE SFP+			
1 GbE interfaces	8 x 1-GbE SFP, 8 x 1 GbE (1 LAN bypass pair)			12 x 1-GbE SFP, 8 x 1 GbE
Management interfaces	1 GbE, 1 console			
Memory (RAM)	8 GB	16 GB	32 GB	64 GB
Storage	Flash			2x 80GB SSD, Flash
Expansion	1 expansion slot (rear)*, SD card*			
Firewall inspection throughput <sup>1</sup>	15 Gbps	20 Gbps		40 Gbps
Application inspection throughput <sup>2</sup>	5 Gbps	10 Gbps	11.5 Gbps	24 Gbps
IPS throughput <sup>2</sup>	5 Gbps	10 Gbps	11.5 Gbps	24 Gbps
Anti-malware inspection throughput <sup>2</sup>	3.5 Gbps	4.5 Gbps	5 Gbps	10 Gbps
IMIX performance	4.4 Gbps	5.5 Gbps		9 Gbps
SSL-DPI	1 Gbps	2 Gbps	2 Gbps	5 Gbps
VPN throughput <sup>3</sup>	5 Gbps	10 Gbps	11.5 Gbps	18 Gbps
Latency	17µs			
Connections per second	100,000/sec	130,000/sec		280,000/sec
Maximum connections (SPI)	1.25 M		1.5 M	3 M
Maximum connections (DPI)	1 M		1.25 M	2.5 M
SSO users	80,000	90,000	100,000	110,000
Maximum SonicPoints supported	128			-
<b>VPN</b>	<b>9200</b>	<b>9400</b>	<b>9600</b>	<b>9800</b>
Site-to-site tunnels	10,000			25,000
IPSec VPN clients (max)	2,000 (4,000)	2,000 (6,000)	2,000 (10,000)	2,000 (10,000)
Encryption/authentication	DES, 3DES, AES (128, 192, 256-bit)/MD5, SHA-1, Suite B, Common Access Card (CAC)			
Key exchange	Diffie Hellman Groups 1, 2, 5, 14v			
Route-based VPN	RIP, OSPF			
<b>Networking</b>	<b>9200</b>	<b>9400</b>	<b>9600</b>	<b>9800</b>
IP address assignment	Static, DHCP, PPPoE, L2TP and PPTP client, internal DHCP server, DHCP relay <sup>4</sup>			
NAT modes	1:1, many:1, 1:many, flexible NAT (overlapping IPs), PAT, transparent mode			
VLAN interfaces	512			
Routing protocols	BGP, OSPF, RIPv1/v2, static routes, policy-based routing, multicast			
QoS	Bandwidth priority, max bandwidth, guaranteed bandwidth, DSCP marking, 802.1p			
Authentication	XAUTH/RADIUS, Active Directory, SSO, LDAP, Novell, internal user database, Terminal Services <sup>5</sup> , Citrix <sup>5</sup>			
VoIP	Full H323-v1-5, SIP			
Standards	TCP/IP, ICMP, HTTP, HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE, L2TP, PPTP, RADIUS, IEEE 802.3			
Certifications	UC APL <sup>4</sup> , ICSA Enterprise Firewall, IPV6 Phase 2, VPNC, VPAT, FIPS 140-2 <sup>4</sup> , Common Criteria NDPP <sup>4</sup>			
Certifications pending	ICSA Anti-Virus			
<b>Hardware</b>	<b>9200</b>	<b>9400</b>	<b>9600</b>	<b>9800</b>
Power supply	Dual-redundant, hot-swappable, 300 W			Dual-redundant, hot-swappable, 500 W
Fans	Dual-redundant, hot-swappable			
Display	Front LED display			
Input power	100-240 VAC, 60-50 Hz			
Maximum power consumption (W)	200			350
MTBF @25°C in hours	188,719	187,702	186,451	126,144
MTBF @25°C in years	21.543	21.427	21.284	14.400
Form factor	1U rack-mountable			2U rack-mountable
Dimensions	17x19.1x1.75 in (43.3x48.5x4.5 cm)			17x24x3.5 in (9x60x43 cm)
Weight	18.1 lb (8.2 kg)			40.5 lb (18.38 kg)
WEEE weight	23 lb (10.4 kg)			49.5 lb (22.4 kg)
Shipping weight	29.3 lb (13.3 kg)			65 lb (29.64 kg)
Major regulatory	FCC Class A, CE, C-Tick, VCCI, Compliance KCC, UL, cUL, TUV/GS, CB, NOM, RoHS, WEEE, ANATEL, BSMI			
Environment	32-105 F, 0-40 deg C			15-40 deg C
Humidity	10-90% non-condensing			

<sup>1</sup> Testing Methodologies: Maximum performance based on RFC 2544 (for firewall). Actual performance may vary depending on network conditions and activated services. <sup>2</sup> Full DPI/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. <sup>3</sup> VPN throughput measured using UDP traffic at 1280 byte packet size adhering to RFC 2544. <sup>4</sup> PPPoE, L2TP and PPTP clients are not supported on SM9800. <sup>5</sup> Supported on SonicOS 6.1 and 6.2. <sup>4</sup> Applies to SuperMassive 9200, 9400 and 9600. SuperMassive 9800 UC APL certification is pending. \*Future use. All specifications, features and availability are subject to change.

## SonicWall NSA series

	NSA 2600	NSA 3600	NSA 4600	NSA 5600	NSA 6600
Operating system	SonicOS 6.2.2				
Security processing cores	4 x 800 MHz	6 x 800 MHz	8 x 1.1 GHz	10 x 1.3 GHz	24 x 1.0 GHz
10 GbE interfaces	—	2 x 10-GbE SFP+			4 x 10-GbE SFP+
1 GbE interfaces	8 x 1 GbE	4 x 1-GbE SFP, 12 x 1 GbE			8 x 1-GbE SFP, 8 x 1 GbE (1 LAN Bypass pair)
Management interfaces	1 GbE, 1 Console				
Memory (RAM)	2.0 GB			4.0 GB	
Expansion	1 Expansion Slot (Rear)*, SD Card*				
Firewall inspection throughput <sup>1</sup>	1.9 Gbps	3.4 Gbps	6.0 Gbps	9.0 Gbps	12.0 Gbps
Full DPI throughput <sup>2</sup>	300 Mbps	500 Mbps	800 Mbps	1.6 Gbps	3.0 Gbps
Application inspection throughput <sup>2</sup>	700 Mbps	1.1 Gbps	2.0 Gbps	3.0 Gbps	4.5 Gbps
IPS throughput <sup>2</sup>	700 Mbps	1.1 Gbps	2.0 Gbps	3.0 Gbps	4.5 Gbps
Anti-malware inspection throughput <sup>2</sup>	400 Mbps	600 Mbps	1.1 Gbps	1.7 Gbps	3.0 Gbps
IMIX throughput <sup>3</sup>	600 Mbps	900 Mbps	1.6 Gbps	2.4 Gbps	3.5 Gbps
SSL Inspection and Decryption (DPI SSL) <sup>2</sup>	200 Mbps	300 Mbps	500 Mbps	800 Mbps	1.3 Gbps
VPN throughput <sup>3</sup>	1.1 Gbps	1.5 Gbps	3.0 Gbps	4.5 Gbps	5.0 Gbps
Connections per second	15,000/sec	20,000/sec	40,000/sec	60,000/sec	90,000/sec
Maximum connections (SPI)	225,000	325,000	400,000	562,500	750,000
Maximum connections (DPI)	125,000	175,000	200,000	375,000	500,000
SonicPoints supported (Maximum)	32	48	64	96	128
Single Sign On (SSO) Users	30,000	40,000	50,000	60,000	70,000
<b>VPN</b>	<b>NSA 2600</b>	<b>NSA 3600</b>	<b>NSA 4600</b>	<b>NSA 5600</b>	<b>NSA 6600</b>
Site-to-site tunnels	250	1,000	3,000	4,000	6,000
IPSec VPN clients (Maximum)	10 (250)	50 (1,000)	500 (3,000)	2,000 (4,000)	2,000 (6,000)
SSL VPN licenses (Maximum)	2 (250)	2 (350)	2 (500)	2 (1000)	2 (1500)
Encryption/Authentication	DES, 3DES, AES (128, 192, 256-bit)/MD5, SHA-1, Suite B Cryptography				
Key exchange	Diffie Hellman Groups 1, 2, 5, 14				
Route-based VPN	RIP, OSPF				
<b>Networking</b>	<b>NSA 2600</b>	<b>NSA 3600</b>	<b>NSA 4600</b>	<b>NSA 5600</b>	<b>NSA 6600</b>
IP address assignment	Static (DHCP PPPoE, L2TP and PPTP client), Internal DHCP server, DHCP Relay				
NAT modes	1:1, many:1, 1:many, flexible NAT (overlapping IPS), PAT, transparent mode				
VLAN interfaces	256	256	256	400	500
Routing protocols	BGP, OSPF, RIPv1/v2, static routes, policy-based routing, multicast				
QoS	Bandwidth priority, max bandwidth, guaranteed bandwidth, DSCP marking, 802.1p				
Authentication	XAUTH/RADIUS, Active Directory, SSO, LDAP, Novell, internal user database, Terminal Services, Citrix, Common Access Card (CAC)				
VoIP	Full H323-v1-5, SIP				
Standards	TCP/IP, ICMP, HTTP, HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE, L2TP, PPTP, RADIUS, IEEE 802.3				
Certifications	ICSA Firewall, ICSA Anti-Virus, FIPS 140-2, Common Criteria NDPP (Firewall and IPS), UC APL				
<b>Hardware</b>	<b>NSA 2600</b>	<b>NSA 3600</b>	<b>NSA 4600</b>	<b>NSA 5600</b>	<b>NSA 6600</b>
Power supply	200W	Single, Fixed 250W			
Fans	Dual, Fixed				Dual, redundant, hot swappable
Input power	100-240 VAC, 60-50 Hz				
Maximum power consumption (W)	49.4	74.3	86.7	90.9	113.1
Form factor	1U Rack Mountable				
Dimensions	1.75 x 10.25 x 17 in (4.5 x 26 x 43 cm)	1.75 x 19.1 x 17 in (4.5 x 48.5 x 43 cm)			
Weight	10.1 lb (4.6 kg)	13.56 lb (6.15 Kg)			14.93 lb (6.77 Kg)
WEEE weight	11.0 lb (5.0 kg)	14.24 lb (6.46 Kg)			19.78 lb (8.97 Kg)
Shipping weight	14.3 lb (6.5 kg)	20.79lb (9.43 Kg)			26.12 lb (11.85 Kg)
Major regulatory	FCC Class A, CE (EMC, LVD, RoHS), C-Tick, VCCI Class A, MSIP/KCC Class A, UL, cUL, TUV/GS, CB, Mexico CoC by UL, WEEE, REACH, ANATEL, BSMI, CU				
Environment	32-105 F, 0-40 deg C				
Humidity	10-90% non-condensing				
MTBF (Years)	20.2	16.8	16.0	15.4	13.3

<sup>1</sup> Testing Methodologies: Maximum performance based on RFC 2544 (for firewall). Actual performance may vary depending on network conditions and activated services.

<sup>2</sup> Full DPI/GatewayAV/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.

<sup>3</sup> VPN throughput measured using UDP traffic at 1280 byte packet size adhering to RFC 2544. All specifications, features and availability are subject to change.

\*Future use.

## SonicWall TZ series

Performance overview	SOHO series	TZ300 series	TZ400 series	TZ500 series	TZ600
Operating system	SonicOS 5.9x / 6.2.x	SonicOS 6.2.x			
Security processor	2 x 400 MHz / 2 x 800 MHz	2 x 800 MHz	4 x 800 MHz	4 x 1 GHz	4 x 1.4 GHz
Memory (RAM)	512 MB / 1GB	1 GB	1 GB	1 GB	1 GB
Memory (flash)	32 MB / 64 MB	64 MB	64 MB	64 MB	64 MB
1 GbE copper interfaces	5	5	7	8	10
Expansion	USB	USB	USB	2 USB	Expansion Slot (Rear)*, 2 USB
Firewall inspection throughput <sup>1</sup>	300 Mbps	750 Mbps	1,300 Mbps	1,400 Mbps	1,500 Mbps
Full DPI throughput <sup>2</sup>	50 Mbps	100 Mbps	300 Mbps	400 Mbps	500 Mbps
Application inspection throughput <sup>2</sup>	-	300 Mbps	900 Mbps	1,000 Mbps	1,100 Mbps
IPS throughput <sup>2</sup>	100 Mbps	300 Mbps	900 Mbps	1,000 Mbps	1,100 Mbps
Anti-malware inspection throughput <sup>2</sup>	50 Mbps	100 Mbps	300 Mbps	400 Mbps	500 Mbps
IMIX throughput <sup>3</sup>	60 Mbps	200 Mbps	500 Mbps	700 Mbps	900 Mbps
SSL inspection and decryption throughput (DPI SSL) <sup>2</sup>	15 Mbps	45 Mbps	100 Mbps	150 Mbps	200 Mbps
IPSec VPN throughput <sup>3</sup>	100 Mbps	300 Mbps	900 Mbps	1,000 Mbps	1,100 Mbps
Connections per second	1,800	5,000	6,000	8,000	12,000
Maximum connections (SPI)	10,000	50,000	100,000	125,000	150,000
Maximum connections (DPI)	10,000	50,000	90,000	100,000	125,000
Single Sign-On (SSO) Users	250	500	500	500	500
VLAN interfaces	25	25	50	50	50
SonicPoints supported (maximum)	2	8	16	16	24
X-Series switch models supported	Not available	X1008/P, X1018/P, X1026/P, X1052/P, X4012			
VPN	SOHO series	TZ300 series	TZ400 series	TZ500 series	TZ600
Site-to-site VPN tunnels	10	10	20	25	50
IPSec VPN clients (maximum)	1 (5)	1 (10)	2 (25)	2 (25)	2 (25)
SSL VPN licenses (maximum)	1 (10)	1 (50)	2 (100)	2 (150)	2 (200)
Virtual assist bundled (maximum)	-	1 (30-day trial)	1 (30-day trial)	1 (30-day trial)	1 (30-day trial)
Encryption/authentication	DES, 3DES, AES (128, 192, 256-bit), MD5, SHA-1, Suite B Cryptography				
Key exchange	Diffie Hellman Groups 1, 2, 5, 14				
Route-based VPN	RIP, OSPF				
Certificate support	Verisign, Thawte, Cybertrust, RSA Keon, Entrust and Microsoft CA for SonicWall-to- SonicWall VPN, SCEP				
VPN features	Dead Peer Detection, DHCP Over VPN, IPSec NAT Traversal, Redundant VPN Gateway, Route-based VPN				
Global VPN client platforms supported	Microsoft® Windows Vista 32/64-bit, Windows 7 32/64-bit, Windows 8.0 32/64-bit, Windows 8.1 32/64-bit, Windows 10				
NetExtender	Microsoft Windows Vista 32/64-bit, Windows 7, Windows 8.0 32/64-bit, Windows 8.1 32/64-bit, Mac OS X 10.4+, Linux FC3+/Ubuntu 7+/OpenSUSE				
Mobile Connect	Apple® iOS, Mac OS X, Google® Android™, Kindle Fire, Windows 8.1 (Embedded)				
Security services	SOHO series	TZ300 series	TZ400 series	TZ500 series	TZ600
Deep Packet Inspection services	Gateway Anti-Virus, Anti-Spyware, Intrusion Prevention, DPI SSL				
Content Filtering Service (CFS)	HTTP URL, HTTPS IP, keyword and content scanning, Comprehensive filtering based on file types such as ActiveX, Java, Cookies for privacy, allow/forbid lists				
Enforced Client Anti-Virus and Anti-Spyware	McAfee®				
Comprehensive Anti-Spam Service	Supported				
Application Visualization	No	Yes	Yes	Yes	Yes
Application Control	Yes	Yes	Yes	Yes	Yes
Capture Advanced Threat Protection	No	Yes	Yes	Yes	Yes

SonicWall TZ series con't

Networking	SOHO series	TZ300 series	TZ400 series	TZ500 series	TZ600
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				
Routing protocols <sup>4</sup>	BGP <sup>4</sup> , OSPF, RIPv1/v2, static routes, policy-based routing, multicast				
QoS	Bandwidth priority, max bandwidth, guaranteed bandwidth, DSCP marking, 802.1e (WMM)				
Authentication	XAUTH/RADIUS, Active Directory, SSO, LDAP, Novell, internal user database	XAUTH/RADIUS, Active Directory, SSO, LDAP, Novell, internal user database, Terminal Services, Citrix			
Local user database	150			250	
VoIP	Full H.323v1-5, SIP				
Standards	TCP/IP, UDP, ICMP, HTTP, HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE, L2TP, PPTP, RADIUS, IEEE 802.3				
Certifications	FIPS 140-2 (with Suite B) Level 2, UC APL, VPNC, IPv6 (Phase 2), ICSA Network Firewall, ICSA Anti-virus				
Certifications pending	Common Criteria NDPP				
Common Access Card (CAC)	Supported				
High availability	No	Active/standby	Active/standby	Active/standby with stateful synchronization	Active/standby with stateful synchronization
Hardware	SOHO series	TZ300 series	TZ400 series	TZ500 series	TZ600
Form factor	Desktop				
Power supply (W)	24W external	24W external	24W external	36W external	60W external
Maximum power consumption (W)	6.4 / 11.3	6.9 / 12.0	9.2 / 13.8	13.4 / 17.7	16.1
Input power	100 to 240 VAC, 50-60 Hz, 1 A				
Total heat dissipation	21.8 / 38.7 BTU	23.5 / 40.9 BTU	31.3 / 47.1 BTU	45.9 / 60.5 BTU	55.1 BTU
Dimensions	3.6x14.1x19cm	3.5x13.4x19cm	3.5x13.4x19cm	3.5x15x22.5cm	3.5x18x28cm
Weight	0.34 kg / 0.75 lbs 0.48 kg / 1.06 lbs	0.73 kg / 1.61 lbs 0.84 kg / 1.85 lbs	0.73 kg / 1.61 lbs 0.84 kg / 1.85 lbs	0.92 kg / 2.03 lbs 1.05 kg / 2.31 lbs	1.47 kg / 3.24 lbs
WEEE weight	0.80 kg / 1.76 lbs 0.94 kg / 2.07 lbs	1.15 kg / 2.53 lbs 1.26 kg / 2.78 lbs	1.15 kg / 2.53 lbs 1.26 kg / 2.78 lbs	1.34 kg / 2.95 lbs 1.48 kg / 3.26 lbs	1.89 kg / 4.16 lbs
Shipping weight	1.20 kg / 2.64 lbs 1.34 kg / 2.95 lbs	1.37 kg / 3.02 lbs 1.48 kg / 3.26 lbs	1.37 kg / 3.02 lbs 1.48 kg / 3.26 lbs	1.93 kg / 4.25 lbs 2.07 kg / 4.56 lbs	2.48 kg / 5.47 lbs
MTBF (years)	30/15	28/14	27/13	20/12	18
Environment	40-105° F, 0-40° C				
Humidity	5-95% non-condensing				
Regulatory	SOHO series	TZ300 series	TZ400 series	TZ500 series	TZ600
Regulatory model (wired)	APL31-0B9	APL28-0B4	APL28-0B4	APL29-0B6	APL30-0B8
Major regulatory compliance (wired models)	FCC Class B, ICES Class B, CE (EMC, LVD, RoHS), C-Tick, VCCI Class B, UL, cUL, TUV/GS, CB, Mexico CoC by UL, WEEE, REACH, KCC/MSIP	FCC Class B, ICES Class B, CE (EMC, LVD, RoHS), C-Tick, VCCI Class B, UL, cUL, TUV/GS, CB, Mexico CoC by UL, WEEE, REACH, KCC/MSIP	FCC Class B, ICES Class B, CE (EMC, LVD, RoHS), C-Tick, VCCI Class B, UL, cUL, TUV/GS, CB, Mexico CoC by UL, WEEE, REACH, KCC/MSIP	FCC Class B, ICES Class B, CE (EMC, LVD, RoHS), C-Tick, VCCI Class B, UL, cUL, TUV/GS, CB, Mexico CoC by UL, WEEE, REACH, BSMI, KCC/MSIP	FCC Class A, ICES Class A, CE (EMC, LVD, RoHS), C-Tick, VCCI Class A, UL cUL, TUV/GS, CB, Mexico CoC by UL, WEEE, REACH, KCC/MSIP
Regulatory model (wireless)	APL41-0BA	APL28-0B5	APL28-0B5	APL29-0B7	-
Major regulatory compliance (wireless models)	FCC Class B, FCC RF ICES Class B, IC RF CE (R&TTE, EMC, LVD, RoHS), RCM, VCCI Class B, MIC/TELEC, UL, cUL, TUV/GS, CB, Mexico CoC by UL, WEEE, REACH	FCC Class B, FCC RF ICES Class B, IC RF CE (R&TTE, EMC, LVD, RoHS), RCM, VCCI Class B, MIC/TELEC, UL, cUL, TUV/GS, CB, Mexico CoC by UL, WEEE, REACH	FCC Class B, FCC RF ICES Class B, IC RF CE (R&TTE, EMC, LVD, RoHS), RCM, VCCI Class B, MIC/TELEC, UL, cUL, TUV/GS, CB, Mexico CoC by UL, WEEE, REACH	FCC Class B, FCC RF ICES Class B, IC RF CE (R&TTE, EMC, LVD, RoHS), RCM, VCCI Class B, MIC/TELEC, UL, cUL, TUV/GS, CB, Mexico CoC by UL, WEEE, REACH	-

SonicWall TZ series con't

Integrated Wireless	SOHO series	TZ300, TZ400, TZ500 series	TZ600
Standards	802.11 a/b/g/n	802.11a/b/g/n/ac (WEP, WPA, WPA2, 802.11i, TKIP, PSK, 02.1x, EAP-PEAP, EAP-TTLS)	-
Frequency bands <sup>5</sup>	802.11a: 5.180-5.825 GHz; 802.11b/g: 2.412-2.472 GHz; 802.11n: 2.412-2.472 GHz, 5.180-5.825 GHz;	802.11a: 5.180-5.825 GHz; 802.11b/g: 2.412-2.472 GHz; 802.11n: 2.412-2.472 GHz, 5.180-5.825 GHz; 802.11ac: 2.412-2.472 GHz, 5.180-5.825 GHz	-
Operating Channels	802.11a: US and Canada 12, Europe 11, Japan 4, Singapore 4, Taiwan 4; 802.11b/g: US and Canada 1-11, Europe 1-13, Japan 1-14 (14-802.11b only); 802.11n (2.4 GHz): US and Canada 1-11, Europe 1-13, Japan 1-13; 802.11n (5 GHz): US and Canada 36-48/149-165, Europe 36-48, Japan 36-48, Spain 36-48/52-64;	802.11a: US and Canada 12, Europe 11, Japan 4, Singapore 4, Taiwan 4; 802.11b/g: US and Canada 1-11, Europe 1-13, Japan 1-14 (14-802.11b only); 802.11n (2.4 GHz): US and Canada 1-11, Europe 1-13, Japan 1-13; 802.11n (5 GHz): US and Canada 36-48/149-165, Europe 36-48, Japan 36-48, Spain 36-48/52-64; 802.11ac: US and Canada 36-48/149-165, Europe 36-48, Japan 36-48, Spain 36-48/52-64	-
Transmit output power	Based on the regulatory domain specified by the system administrator	Based on the regulatory domain specified by the system administrator	-
Transmit power control	Supported	Supported	-
Data rates supported	802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps per channel; 802.11b: 1, 2, 5.5, 11 Mbps per channel; 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps per channel; 802.11n: 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2, 15, 30, 45, 60, 90, 120, 135, 150 Mbps per channel;	802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps per channel; 802.11b: 1, 2, 5.5, 11 Mbps per channel; 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps per channel; 802.11n: 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2, 15, 30, 45, 60, 90, 120, 135, 150 Mbps per channel; 802.11ac: 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2, 86.7, 96.3, 15, 30, 45, 60, 90, 120, 135, 150, 180, 200, 32.5, 65, 97.5, 130, 195, 260, 292.5, 325, 390, 433.3, 65, 130, 195, 260, 390, 520, 585, 650, 780, 866.7 Mbps per channel	-
Modulation technology spectrum	802.11a: Orthogonal Frequency Division Multiplexing (OFDM); 802.11b: Direct Sequence Spread Spectrum (DSSS); 802.11g: Orthogonal Frequency Division Multiplexing (OFDM)/Direct Sequence Spread Spectrum (DSSS); 802.11n: Orthogonal Frequency Division Multiplexing (OFDM)	802.11a: Orthogonal Frequency Division Multiplexing (OFDM); 802.11b: Direct Sequence Spread Spectrum (DSSS); 802.11g: Orthogonal Frequency Division Multiplexing (OFDM)/Direct Sequence Spread Spectrum (DSSS); 802.11n: Orthogonal Frequency Division Multiplexing (OFDM); 802.11ac: Orthogonal Frequency Division Multiplexing (OFDM)	-

\*Future use.

<sup>1</sup> Testing Methodologies: Maximum performance based on RFC 2544 (for firewall). Actual performance may vary depending on network conditions and activated services.

<sup>2</sup> Full DPI/GatewayAV/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.

<sup>3</sup> VPN throughput measured using UDP traffic at 1280 byte packet size adhering to RFC 2544. All specifications, features and availability are subject to change.

<sup>4</sup> BGP is available only on SonicWall TZ400, TZ500 and TZ600.

<sup>5</sup>All TZ integrated wireless models can support either 2.4GHz or 5GHz band. For dual-band support, please use SonicWall's wireless access points products (SonicPoints)

## SonicWall WAN Acceleration Appliance (WXA) series

	WXA 500 Software	WXA 2000	WXA 4000	WXA 5000 Virtual Appliance	WXA 6000 Software
Platform	Software <sup>5</sup>	Hardware appliance	Hardware appliance	Virtual appliance	Software <sup>5</sup>
Maximum users <sup>1</sup>	20	120	240	360	2,000
Maximum connections	100	600	1,200	1,800 <sup>3</sup>	10,000
Maximum web caching connections	100	600	1,200	1,800 <sup>3</sup>	10,000
Included/maximum concurrent WXA client licenses <sup>4</sup>	2/20	2/50	2/125	2/125	2/125
Byte caching	Yes				
TCP/file compression	Yes				
Management	Requires SonicOS 5.8.1 or later				
Clustering <sup>6</sup>	—	Yes	Yes	Yes	Yes
CIFS/SMB acceleration	Yes <sup>2</sup>	Yes			
Signed SMB support	Yes				
WFS/TCP visualization	Yes				
SNMP	Yes				
Syslog	Yes				
Operating system	Hardened SonicWall Linux OS				
Rack-mount chassis	—	1 RU		—	—
CPU	—	Intel 2.0GHz	Intel Dual Core 2.0GHz	—	—
RAM	—	2 GB	4 GB	—	—
Hard drive	—	250 GB	2x250 GB	—	—
Redundant Disk Array (RAID)	—	RAID 1		—	—
Dimensions	—	17.0 x 16.4 x 1.7 in/43.18 x 41.59 x 4.44 cm		—	—
Weight	—	16 lbs/7.26 kg		—	—
WEEE weight	—	16 lbs/7.37 kg		—	—
Power consumption (watts)	—	86	101	—	—
BTUs	—	293	344	—	—
MTBF (years)	—	14.27		—	—

	WXA 500 Software only	WXA 6000 Software only
Dell hardware	Dell Inspiron 3847, Dell XPS 8700	Dell PowerEdge R320 Server

WXA 5000 Virtual Appliance only		
Hypervisor	VMware ESX or ESXi version 5.0 or higher	Microsoft Windows Server 2012 or 2012 R2 with the Hyper-V role enabled
Virtual appliance requirements	SonicWall WXA 1.3.2 release notes	
VMware Hardware Compatibility Guide	<a href="http://vmware.com/resources/compatibility/search.php">vmware.com/resources/compatibility/search.php</a>	

<sup>1</sup>Maximum users may vary depending on the number of connections being generated per user.

<sup>2</sup>CIFS/SMB acceleration is available only when the WXA software image is installed on the supplied Dell hardware.

<sup>3</sup>The max number of connections is dependent on the hardware specifications and may vary depending on the hardware configuration. The specifications provided are the minimum requirements to run the WXA Virtual Appliance.

<sup>4</sup>NetExtender is required in order to use the WXA client software. Please refer to the WXA release notes for supported operating systems.

<sup>5</sup>The WXA 500 and 6000 software can be downloaded from [www.mysonicwall.com](http://www.mysonicwall.com) and requires specific Dell hardware in order to operate.

<sup>6</sup>Requires SonicOS 6.2 or higher.



## SonicWall SonicPoint series wireless access points

Hardware Specifications	SonicPoint ACe	SonicPoint ACi	SonicPoint N2
Dimensions	6.9 (D) x 1.5 (H) in 175 (D) x 38 (H) mm	6.7 (D) x 1.5 (H) in 175 (D) x 40 (H) mm	6.9 (D) x 1.5 (H) in 175 (D) x 38 (H) mm
Weight	0.53 kg / 1.2 lbs	0.48 kg / 1.1 lbs	0.53 kg / 1.2 lbs
WEEE weight	1.2 kg / 2.6 lbs	0.53 kg / 1.2 lbs	0.74 kg / 1.6 lbs
Shipping weight	1.74 kg / 3.8 lbs	0.79 kg / 1.8 lbs	1.1 kg / 2.4 lbs
PoE Power requirements	802.3at		
Power supply	802.3at + AC Adapter (12 v)	802.3at PoE	802.3at PoE
Maximum power consumption (W)	15.2 W	15.6 W	13.7 W
Status indicators	Six (6) LED (WLAN/Link) (LAN/Link) Power, Test		
Antennas	3+3 (SMA 2.4 GHz + TNC 5 GHz)	6 fully internal	3+3 (SMA 2.4 GHz + TNC 5 GHz)
Wired network ports	(2) 10/100/1000 auto-sensing RJ-45 for Ethernet and Power over Ethernet (PoE); (1) RJ-45 console; (1) USB 2.0		
Mechanical	Wall or ceiling mount kit		
Virtual access points	Up to 8 per SonicPoint		
Maximum clients supported	256 (128 per radio)		
Chassis	UL 2043 plenum rated		
<b>Standards and compliance</b>			
Compliance	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11i, IEEE 802.3e, IEEE 802.3i, IEEE 802.3at, WPA/WPA2, TKIP, AES		
Regulatory	FCC/ICES Class B, CE, RCM/ACMA, VCCI Class B, TELEC, BSMI, NCC, MSIP, ANATEL, Customs Union, RoHS (Europe/China), WEEE		
Certifications	WiFi, Dynamic Frequency Selection (DFS)		
Safety	UL, cUL, TUV/GS, CB, CE, BSMI, Mexico CoC, Customs Union		
<b>Environmental</b>			
Temperature range	32 to 104°F, 0 to 40°C		
Humidity	10 - 95%, non-condensing		
<b>Radio specifications</b>			
Radios	Dual: 3x3 11n + 3x3 11ac		Dual: 3x3 11n + 3x3 11n
Frequency bands	802.11a: 5.180-5.825 GHz 802.11b/g: 2.412-2.472 GHz 802.11n: 2.412-2.472 GHz, 5.180-5.825 GHz **802.11ac: 2.412-2.472 GHz, 5.180-5.825 GHz		
Operating channels	802.11a: US and Canada 12, Europe 11, Japan 4, Singapore 4, Taiwan 4 802.11b/g: US and Canada 1-11, Europe 1-13, Japan 1-14 (14-802.11b only) 802.11n (2.4 GHz): US and Canada 1-11, Europe 1-13, Japan 1-13 802.11n (5 GHz): US and Canada 36-48/149-165, Europe 36-48, Japan 36-48, Spain 36-48/52-64 **802.11ac: US and Canada 36-48/149-165, Europe 36-48, Japan 36-48, Spain 36-48/52-64		
Transmit output power	Based on the regulatory domain specified by the system administrator		
Transmit power control	Supported		
Data rates supported	802.11a: 6,9,12,18,24,36,48,54 Mbps per channel 802.11b: 1,2,5,5,11 Mbps per channel 802.11g: 6,9,12,18,24,36,48,54 Mbps per channel 802.11n: 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2, 15, 30, 45, 60, 90, 120, 135, 150 Mbps per channel **802.11ac: 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2, 86.7, 96.3, 15, 30, 45, 60, 90, 120, 135, 150, 180, 200, 32.5, 65, 97.5, 130, 195, 260, 292.5, 325, 390, 433.3, 65, 130, 195, 260, 390, 520, 585, 650, 780, 866.7 Mbps per channel		
Modulation technology spectrum	802.11a: Orthogonal Frequency Division Multiplexing (OFDM) 802.11b: Direct Sequence Spread Spectrum (DSSS) 802.11g: Orthogonal Frequency Division Multiplexing (OFDM)/Direct Sequence Spread Spectrum (DSSS) 802.11n: Orthogonal Frequency Division Multiplexing (OFDM) **802.11ac: Orthogonal Frequency Division Multiplexing (OFDM)		

\*When used with SonicWall Secure Remote Access Series appliance

\*\*Available on SonicPoint ACe and SonicPoint ACi only

## SonicWall SonicPoint series wireless access points con't

Security	
Data encryption	WPA2; IPSec, 802.11i, WPA; 64/128/152-bit WEP, TKIP, AES, SSL VPN*
Authentication	
Authentication	RADIUS, Active Directory, Novell e-Directory, SAMBA, single sign-on (SSO)
Hardware Specifications	PoE Injector
Number of ports	2: (1) Data In; (1) data and power out
Dimensions	1.22 (H) x 1.97 (W) x 6.30 (L) in; (31 (H) x 50 (W) x 160 (L) mm
Weight	0.5 lbs/(0.3 kg)
WEEE weight	0.85 lbs/(0.38 kg)
Shipping weight	0.87 lbs/(0.4 kg)
Connectors	Shielded RJ-45, EIA 568A and 568B
Indicators	System indicator: AC power (green); User indicator: channel power active (green)
Data rates	10/100/1000 Mbps
Power over LAN output	
Pin assignment and polarity	4/5 (+), 7/8 (-)
Output power voltage	-48 VDC
User port power	30 W minimum
Input power requirements	
AC input voltage	100 to 240 VAC
AC frequency	50 to 60 Hz
AC input current	0.8A at 100-240 VAC
Standards and compliance	
Regulatory compliance	CB, S Mark, RCM, ICES, cUL, CCC, CE, GS, BIS, PSE, MOM, EAC, KCC/MSIP, BSMI, UL, FCC
Electromagnetic emission and immunity	Class B emission level, EN 55022, CISPR 22, FCC Part 15
Safety	IEC/EN/UL 60950-1
Environmental	EU RoHS, China RoHS, EU WEEE, DOE Level VI, MEPS
Environmental conditions	
Operating ambient temperature	32 to 104 °F, 0 to 40 °C
Operating humidity	Maximum 90%, non-condensing
Storage temperature	-4 to 158 °F, -20 to 70 °C
Storage humidity	Maximum 95%, non-condensing
Operating altitude	-1,000 to 10,000 ft. (-304.8 to 3,048 m)

\*When used with SonicWall Secure Remote Access Series appliance

\*\*Available on SonicPoint ACe and SonicPoint ACi only

## SonicWall Secure Mobile Access 1000 series

Performance	SMA 6200	SMA 7200	SRA EX9000
Concurrent sessions / Users	Up to 2,000	Up to 10,000	Up to 20,000
SSL VPN Throughput (at max CCU)	Up to 400 Mbps	Up to 3.75Gbps	Up to 3.75 Gbps
Attributes	SMA 6200	SMA 7200	SRA EX9000
Form Factor	1U	1U	2U
Dimensions	17.0 x 16.5 x 1.75 in (43 x 41.5x 4.5 cm)	17.0 x 16.5 x 1.75 in (43 x 41.5x 4.5 cm)	27.0 x 18.9 x 3.4 in (68.6 x 48.2x 8.8 cm)
Encryption Data Acceleration (AES-NI)	Yes	Yes	Yes
Dedicated Management Port	Yes	Yes	Yes
SSL Acceleration	Yes	Yes	Yes
Hard Drive	2 x 500 GB SATA	2 x 500 GB SATA	2 x 2TB SATA
Interfaces	6 (6-port 1GE)	8 (6-port 1GE + 2-port 10Gb SFP+)	12 (8-port 1GE + 4-port 10Gb SFP+)
Memory	8GB DDR3	16GB DDR3	32 GB DDR3
TPM chip	Yes	Yes	No
Processor	4 cores	4 cores	2 X 4 cores
MTBF	200,064 hours at 25°C (77°F)	233,892 hours at 25°C (77°F)	129,489 hours at 25°C (77°F)
Operations and Compliance	SMA 6200	SMA 7200	SRA EX9000
Power	Fixed power supply	Dual power supply, hot swappable	Dual power supply, hot swappable
Input rating	100-240 VAC, 1.1 A	100-240 VAC, 1.79 A	100-240 VAC, 2.8.5 A
Power Consumption	78 W	127 W	320 W
Environmental	WEEE, EU RoHS, China RoHS		
Non-operating shock	110 g, 2 msec		
Emissions	FCC, ICES, CE, C-Tick, VCCI; MIC		
Safety	TUV/GS, UL, CE PSB, CCC, BSMI, CB scheme		
Operating Temperature	0°C to 40°C (32°F to 104° F)		
Certifications	FIPS 140-2 Level 2 with anti-tamper protection		

## Virtual appliance specifications

	SMA 8200v (ESX/ESXI)	SMA 8200v (Hyper V)
Concurrent sessions	Up to 5000	Up to 250
SSL-VPN throughput (at max CCU)	Up to 1.58 Gbps	Up to 1.2 Gbps
Allocated memory	8 GB	
Processor	4 cores	
SSL acceleration	Yes	
Applied disk size	64 GB (default)	Admin Configurable
Operating system installed	Hardened Linux	
Dedicated Management port	Yes	

## SonicWall Secure Mobile Access 100 series

Performance			
	SMA 200	SMA 400	SMA 500v (virtual)
	Recommended for organizations with 50 or fewer employees	Recommended for organizations with 250 or fewer employees	Recommended for SMB companies with 250 or fewer employees
Concurrent user license	Starts with 5 concurrent users. Additional user licenses available in 5 and 10 user increments	Starts with 25 users. Additional user licenses are available in 10, 25 and 100 user increments	User licenses available in 5, 10, and 25 user increments
User capacity <sup>1</sup>	5-included/50-licensable	25-included/250-licensable	5-included/250-licensable
Secure Virtual Assist technicians	30-day trial-included/10-concurrent technicians maximum	30-day trial-included/25-concurrent technicians maximum	30-day trial-included/25-concurrent technicians maximum
Maximum allowable Meeting participants	–	75	75
Unified policy	Yes. Also supports policies which have multiple AD groups		
Logging	Detailed logging in an easy-to-read format, Syslog supported email alerts		
Single-arm mode	Yes	Yes	Yes
SonicWall Secure Virtual Assist or Secure Virtual Access (licensed together)	Connection to remote PC, chat, FTP, session recording and diagnostic tools		
Secure Virtual Meeting <sup>2</sup>	Instantly brings meeting participants together securely and cost-effectively		
IPv6 support	Basic	Basic	Basic
Load balancing	HTTP/HTTPS load balancing with failover. Mechanisms include weighted requests, weighted traffic, least requests		
High Availability	–	Yes	Yes
Application offloading	Yes	Yes	Yes
Web Application Firewall	Yes	Yes	Yes
End Point Control (EPC)	Yes	Yes	Yes
Geolocation-based policies <sup>4</sup>	Yes	Yes	Yes
Botnet filtering <sup>4</sup>	Yes	Yes	Yes
Key features			
Applications supported <sup>3</sup>	<ul style="list-style-type: none"> <li>• <b>Web portal access:</b> Supports HTML5, proxy and application offloading</li> <li>• <b>Web services:</b> HTTP, HTTPS, FTP, SSH, Telnet, VNC, Windows® file sharing (Windows SMB/CIFS), OWA 2003/2007/2010</li> <li>• <b>Virtual Desktop Infrastructure (VDI):</b> Citrix (ICA), RDP</li> <li>• <b>Mobile Connect and NetExtender:</b> Any TCP/IP based application: ICMP, VoIP, IMAP, POP, SMTP, etc.</li> </ul>		
Encryption	ARC4 (128), MD5, SHA-1, SHA-256, SHA-384, SSLv3, TLSv1, TLS 1.1, TLS 1.2, 3DES (168, 256), AES (256), RSA, DHE		
Authentication	Quest Defender, other two-factor authentication solutions, One-time Passwords, Internal user database, RADIUS, LDAP, Microsoft Active Directory and Single Sign On (SSO) for most web based apps, RDP and VNC3		
Multiple domain support	Yes		
Multiple portal support	Yes		
Fine grain access control	At the user, user group and network resource level		
Session security	Inactivity timeouts prevent unauthorized use of inactive sessions		
Certificates	<ul style="list-style-type: none"> <li>• <b>Server:</b> Self-signed with editable common name and imported from third parties</li> <li>• <b>Client:</b> Optional client certificates supported</li> </ul>		
Cache cleaner	Configurable. Upon logout all cached downloads, cookies and URLs downloaded through the SSL tunnel are erased from the remote computer		
Client support <sup>3</sup>	<ul style="list-style-type: none"> <li>• <b>Web portal access:</b> Internet Explorer, Mozilla, Chrome, Opera, and Safari browsers</li> <li>• <b>NetExtender:</b> Windows 2003, 2008, XP/Vista (32-bit and 64-bit), 7 (32-bit and 64-bit), 8 (32-bit and 64-bit), Mac OS X 10.4+, Linux Fedora Core 3+ / Ubuntu 7+ / OpenSUSE, Linux 64-bit</li> <li>• <b>Mobile Connect:</b> iOS 4.2 and higher, OS X 10.9 and higher, Android 4.0 and higher, Chrome 43 and higher, Kindle Fire running Android 4.0 and higher and Windows 8.1</li> </ul>		
Personalized portal	The remote user sees only those resources that the administrator has granted access to based on company policy		
Management	Web GUI (HTTP, HTTPS), Send syslog and heartbeat messages to GMS (4.0 and higher) SNMP Support		
Usage monitoring	Graphical monitoring of memory, CPU, users and bandwidth usage		

<sup>1</sup> The recommended number of users supported is based on factors such as access mechanisms, applications accessed and application traffic being sent.

<sup>2</sup> Available in conjunction with Secure Virtual Assist for SMA 400 and SRA Virtual Appliances only.

<sup>3</sup> Refer to the latest SMA 100 Series release notes and admin guide for supported configurations.

<sup>4</sup> Botnet filtering and Geolocation-based policies require an active support contract to be in place on the hardware or virtual appliance.

SonicWall Secure Mobile Access 100 series con't

Hardware		
	SMA 200	SMA 400
Hardened security appliance	Yes	Yes
Interfaces	(2) GB Ethernet, (2) USB, (1) console	(4) GB Ethernet, (2) USB, (1) console
Processors	x86 main processor	x86 main processor
Memory (RAM)	2 GB	4 GB
Flash memory	2 GB	2 GB
Power supply/input	Internal, 100-240VAC, 50-60MHz	Internal, 100-240VAC, 50-60MHz
Max power consumption	26.9 W	31.9 W
Total heat dissipation	92 BTU	109 BTU
Dimensions	16.92 x 10.23 x 1.75 in 43x26x4.5cm	16.92 x 10.23 x 1.75 in 43x26x4.5cm
Appliance weight	11 lbs 5 kg	11 lbs 5 kgs
WEEE weight	11 lbs 5.3 kg	11 lbs 5.3 kgs
Major regulatory compliance	FCC Class A, ICES Class A, CE, RCM, VCCI Class A, ANATEL, BSMI, UL, cUL, UL Mexico CoC, TUV/GS, CB, MSIP Class A	
Regulatory Model	1RK33-0BB	1RK33-0BC
Environment	32-105° F, 0-40° C Humidity 5-95% RH, non-condensing	
MTBF	7.06 years	6.87 years
	SMA 500v (virtual)	
SMA 500v virtualized environment requirements (Minimum)	Hypervisor: VMWare ESXi and ESX (version 4.0 and newer) Appliance size (on disk): 2 GB Allocated memory: 2 GB	

## SonicWall Email Security

	Appliance, Virtual Appliance	Windows Server®
<b>Complete inbound and outbound email protection</b>		
Anti-spam protection	Yes	Yes
Connection management with advanced IP reputation	Yes	Yes
Phishing detection, classification, blocking	Yes	Yes
Directory harvest, denial of service, NDR protection	Yes	Yes
Anti-spoofing with support for SPF, DKIM and DMARC	Yes	Yes
Policy rules for user, group, all	Yes	Yes
In memory message transfer agent (MTA) for enhanced throughput	Yes	Yes
Complete inbound and outbound protection in a single system	Yes	Yes
<b>Easy administration</b>		
Installation	< 1 hour	< 1 hour
Management per week	< 10 min	< 10 min
Automatic multi-LDAP sync for users, groups	Yes	Yes
Compatible with all SMTP email servers	Yes	Yes
SMTP Authentication support (SMTP AUTH)	Yes	Yes
Allow/deny end user controls	Yes	Yes
Customize, schedule and email 30+ reports	Yes	Yes
Judgment details	Yes	Yes
At-a-glance, customizable management dashboard	Yes	Yes
Rapid message search engine	Yes	Yes
Scalable split-mode architecture	Yes	Yes
Clustering and remote clustering	Yes	Yes
<b>Easy for end users</b>		
Single sign-on	Yes	Yes
Per user junk boxes, junk box summary actionable email	Yes	Yes
Per user anti-spam aggressiveness, block/allow lists	Yes	Yes
<b>Email protection subscription with dynamic support—required</b>		
SonicWall GRID anti-virus, anti-spam, anti-phishing auto-updates every 5 minutes	Yes	Yes
8x5 or 24x7 support	Yes	Yes
RMA (appliance replacement)	Yes	Yes
Software/firmware updates	Yes	Yes
<b>Anti-virus subscription—optional</b>		
McAfee anti-virus	Yes	Yes
SonicWall TimeZero anti-virus	Yes	Yes
Zombie detection	Yes	Yes
<b>Compliance subscription—optional</b>		
Robust policy management,	Yes	Yes
Attachment scanning	Yes	Yes
Record ID matching	Yes	Yes
Dictionaries	Yes	Yes
Approval boxes/workflow	Yes	Yes
Email archiving	Yes	Yes
Compliance reporting	Yes	Yes
<b>Encryption subscription—optional</b>		
Compliance subscription capabilities plus policy-enforced email encryption and secure email exchange	Yes	Yes
<b>Total secure subscription—optional</b>		
Includes email protection dynamic 24x7 subscription plus multi-layer anti-virus (McAfee, Kaspersky, Cyren), malicious URL detection and compliance management subscription features	Yes	Yes

## SonicWall Email Security con't

Email Security Appliances	3300	4300	ES8300
Domains	Unrestricted		
Operating system	Hardened SonicWall Linux OS appliance		
Rackmount chassis	1RU	1RU	2RU
CPU(s)	Intel 2.0GHz	Intel Core 2 Duo 2.13 GHz	Quad Core Xeon 2.0GHz
RAM	2 GB	4 GB	4 GB
Hard drive	250 GB	2 x 250 GB	4 x 750 GB
Redundant disk array (RAID)	—	RAID 1	RAID 5
Hot swappable drives	No	Yes	Yes
Redundant power supply	No	No	Yes
SAFE Mode Flash	Yes	Yes	Yes
Dimensions	17.0 x 16.4 x 1.7 in 43.18 x 41.59 x 4.44 cm	17.0 x 16.4 x 1.7 in 43.18 x 41.59 x 4.44 cm	27.5 x 19.0 x 3.5 in 69.9 x 48.3 x 8.9 cm
Weight	16 lbs / 7.26 kg	16 lbs / 7.26 kg	50.0 lbs/ 22.7 kg
WEEE weight	16 lbs / 7.37 kg	16 lbs / 22.2 kg	48.9 lbs/ 22.2 kg
Power consumption (watts)	86	101	280
BTUs	293	344	1098
MTBF @25C in hours	125,004	125,004	125,004
MTBF @25C in years	14.27	14.27	14.27
Email Security Software			
Domains	Unrestricted		
Operating system	Microsoft Hyper-V Server 2012 (64-bit) or higher Windows Server 2008 R2 or higher x64 bit only		
CPU	Intel Pentium: P4 or compatible CPU		
RAM	8 GB minimum configuration		
Hard drive	160 GB minimum configuration		
Email Security Virtual Appliance			
Hypervisor	ESXi™ and ESX™ (version 5.0 and newer)		
Operating system installed	Hardened SonicLinux		
Allocated memory	4 GB		
Appliance disk size	160 GB (Expandable)		
VMware hardware compatibility guide	<a href="http://www.vmware.com/resources/compatibility/search.php">http://www.vmware.com/resources/compatibility/search.php</a>		

Appliance and software features – subscriptions available in 25, 50, 100, 250, 500, 1,000, 2,000, 5,000, and 10,000 user packs

## SonicWall Global Management System

### Minimum system requirements

Below are the minimum requirements for SonicWall GMS with respect to the operating systems, databases, drivers, hardware and SonicWall-supported appliances:

#### Operating system<sup>1</sup>

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Windows Server 2003 64 bit (SP2)  
Windows Server 2008 SBS 64 bit (SP2)  
Windows Server 2008 R2 Standard 64 bit (SP1)  
Windows Server 2008 Standard 64 bit (SP2)

#### Hardware for single deployment

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x86 Environment: Minimum 3 GHz processor server dual-core CPU Intel processor, 8 GB RAM (4 GB minimum) and 300 GB disk space.

#### Hardware for distributed server deployment

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**GMS server:** x86 Environment: Minimum 3 GHz processor Server dual-core CPU Intel processor, 8 GB RAM (4 GB minimum) and 300 GB disk space.

#### Virtual appliance

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Hypervisor: VMware<sup>®</sup> ESX and ESXi

**Operation system installed:** Hardened SonicLinux

**Appliance size:** 250 GB, 950 GB

**Allocated memory:** 8 GB (4 GB minimum)

**VMware Hardware Compatibility Guide:**

<http://www.vmware.com/resources/compatibility/search.php>

#### Supported databases

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**External databases:** Microsoft SQL 2005 64 bit (SP2), Microsoft SQL 2008 64 bit (R2)

Bundled with the GMS application: MySQL

#### Internet browsers

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Microsoft<sup>®</sup> Internet Explorer 8.0 or higher

Mozilla Firefox 6.0 or higher

Google Chrome 13.0 and above

Supported only on Microsoft Windows platforms

#### Java

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Java SE Runtime Environment 1.6 or later

### GMS gateway

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SonicWall SuperMassive™ E10000 Series, E-Class Network Security Appliance (NSA), NSA or PRO Series firewall with minimum firmware and SonicWall VPN-based firewalls

### Supported SonicWall appliances managed by GMS

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SonicWall Network Security Appliances: SuperMassive E10000 Series, E-Class NSA, NSA, PRO, TZ Series appliances<sup>®</sup>

SonicWall Continuous Data Protection (CDP) appliances

SonicWall Content Security Manager (CSM) appliances

SonicWall Secure Remote Access (SRA) appliances: E-Class SRA and SRA for SMB

SonicWall Email Security appliances

All TCP/IP and SNMP-enabled devices and applications for active monitoring

### Supported firmware

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**SonicWall SuperMassive E10000 Series:** SonicOS Enhanced 5.0 or higher

**SonicWall E-Class NSA and NSA:** SonicOS Enhanced 5.0 or higher

**SonicWall PRO Series:** SonicOS Enhanced 3.2 or higher

**SonicWall TZ Series:** SonicOS Standard 3.1 or higher and Enhanced 3.2 or higher

**SonicWall CDP:** SonicWall CDP 2.3 or higher

**SonicWall CSM:** SonicWall 2.0 or higher

**SonicWall SRA for SMB:** Firmware 2.0 or higher

SonicWall Aventail™ E-Class SRA: Firmware 9.0 or higher<sup>3</sup>

**SonicWall Email Security:** SonicWall Email Security 7.0 firmware

### IPv6 support

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**GMS 7.2 supports IPv6 management and configuration of firewalls, Domain Name System (DNS) and Neighbor Discovery Protocol (NDP).**

1 In all instances, SonicWall GMS is running as a 32-bit application. Bundled databases will run in 64-bit mode on 64-bit Windows OS. In Virtual Appliance, GMS is running in 64-bit mode.

2 Legacy SonicWall XPRS/XPRS2, SonicWall SOHO2, SonicWall Tele2 and SonicWall Pro/Pro-VX models are not supported.

3 Only newer Aventail E-Class SSL VPN appliances using 12 character hexadecimal serial numbers.



# SonicWall Analyzer

## Operating system

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Microsoft® Windows® Server 2003 64 bit (SP2)

Windows Server 2008 SBS 64 bit (SP2)

Windows Server 2008 Standard 64 bit (SP1)

Windows 7 Pro 64 bit (SP1)

In all instances SonicWall Analyzer is running as a 32 bit application.

## Hardware for Analyzer server

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Minimum Requirements: Single Core 3 GHz x86 Processor, 4 GB RAM, 100 GB HDD

## Internet browsers

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Microsoft® Internet Explorer 8.0 or higher

Mozilla Firefox 6.0 or higher

Google Chrome 13.0 and above

Supported only on Microsoft Windows platforms

## Virtual appliance

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**Hypervisor:** VMware® ESX and ESXi

**Operation System Installed:** Hardened SonicLinux

**Appliance Size:** 250 GB, 950 GB

**Recommended RAM:** 8 GB (4 GB minimum)

**VMware Compatibility Guide:** [www.vmware.com/resources/compatibility/search.php](http://www.vmware.com/resources/compatibility/search.php)

## Supported SonicWall appliances

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SonicWall Next-Generation Firewalls: SuperMassive™ Series, E-Class Network Security Appliance (NSA) Series, NSA Series, TZ Series, and PRO Series<sup>1</sup>

SonicWall Continuous Data Protection Series

SonicWall Content Security Manager (CSM) Series

SonicWall E-Class and SMB Secure Remote Access (SRA) Series<sup>1</sup>

## Supported SonicWall firmware

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SonicWall E-Class NSA and NSA Series: SonicOS Enhanced 5.0 or higher

SonicWall PRO Series: SonicOS Enhanced 3.2 or higher

SonicWall TZ Series: SonicOS Standard 3.1 or higher, and Enhanced 3.2 or higher

SonicWall CSM Series: SonicWall 2.0 or higher

SonicWall SRA for SMB Series: Firmware 2.0 or higher

SonicWall E-Class SRA Series: Firmware 9.0 or higher

SonicWall CDP 5.1 or higher

## IPv6 Support

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GMS 7.2 supports IP version 6 (IPv6) management and configuration of firewalls, Domain Name System (DNS) and Neighbor Discovery Protocol (NDP).

<sup>1</sup>Legacy SonicWall XPRS/XPRS2, SonicWall SOHO2, SonicWall Tele2 and SonicWall Pro/Pro-VX models are not supported.

<sup>2</sup>Only newer SonicWall Aventail E-Class SRA appliances using 12 character hexadecimal serial numbers.

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## About Us

Over a 25 year history, SonicWall has been the industry's trusted security partner. From network security to access security to email security, SonicWall has continuously evolved its product portfolio, enabling organizations to innovate, accelerate and grow. With over a million security devices in almost 200 countries and territories worldwide, SonicWall enables its customers to confidently say yes to the future.

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