

SonicWall TZ series system specifications

Hardware overview	SOHO series	TZ300 series	TZ400 series	TZ500 series	TZ600
Operating system	SonicOS				
Security processing cores	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
Interfaces	5x1GbE, 1 USB, 1 Console	5x1GbE, 1 USB, 1 Console	7x1GbE, 1 USB, 1 Console	8x1GbE, 2 USB, 1 Console	10x1GbE, 2 USB, 1 Console, 1 Expansion Slot
Memory (RAM)	512 MB / 1 GB	1 GB	1 GB	1 GB	1 GB
Memory (flash)	32 MB / 64 MB	64 MB	64 MB	64 MB	64 MB
Expansion	USB	USB	USB	2 USB	Expansion Slot (Rear)*, 2 USB
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
Dell X-Series switch models supported	Not available	X1008/P, X1018/P, X1026/P, X1052/P, X4012			
Firewall/VPN performance	SOHO series	TZ300 series	TZ400 series	TZ500 series	TZ600
Firewall inspection throughput ¹	300 Mbps	750 Mbps	1,300 Mbps	1,400 Mbps	1,500 Mbps
Full DPI throughput ²	50 Mbps	100 Mbps	300 Mbps	400 Mbps	500 Mbps
Application inspection throughput ²	-	300 Mbps	900 Mbps	1,000 Mbps	1,100 Mbps
IPS throughput ²	100 Mbps	300 Mbps	900 Mbps	1,000 Mbps	1,100 Mbps
Anti-malware inspection throughput ²	50 Mbps	100 Mbps	300 Mbps	400 Mbps	500 Mbps
IMIX throughput ²	60 Mbps	200 Mbps	500 Mbps	700 Mbps	900 Mbps
SSL inspection and decryption throughput (DPI SSL) ²	15 Mbps	45 Mbps	100 Mbps	150 Mbps	200 Mbps
IPSec VPN throughput ³	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
SSL DPI connections	100	250	250	250	250
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, Chrome, 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® and Kaspersky™				
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 system specifications 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 ⁴	BGP ¹ , 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)	58.9/56.1 (wireless)	56.1	54.0	40.8	18.4
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	-