

SonicWALL TZ 215 Series

FIREWALL

The highest-performing, most secure UTM firewall for small offices

- High performance security engine
- Integrated intrusion prevention
- Advanced IPSec and SSL VPN
- Streamlined GUI and advanced management wizards
- Application intelligence, control and visualization
- Dual-band wireless
- Content/URL filtering
- Gateway Anti-Virus and Anti-Spyware Service
- Comprehensive Anti-Spam Service
- Multiple security zones
- WAN/ISP redundancy and failover
- Comprehensive centralized management
- Enforced Client Anti-Virus

Today's evolving threat landscape renders stateful packet inspection (SPI) firewalls irrelevant. SPI does not secure your organization against malware passing from the web and mobile devices or enable application control, which can hurt the productivity of your employees and your organization. In addition, as business-critical applications move to the cloud, organizations need to ensure that bandwidth is available so that employees can quickly and easily access vital data. Only deep packet inspection (DPI) can do all this, by inspecting every byte of every packet. However, lesser solutions lack the power and sophistication to accomplish DPI without turning the firewall into a bottleneck for high-speed broadband networks. Organizations should not have to trade advanced DPI security and application control for network performance.

The new SonicWALL® TZ 215 is the highest-performing, most secure Unified Threat Management (UTM) firewall available today in its price point. It provides full deep packet inspection (DPI) without diminishing network performance, thus eliminating bottlenecks that other products introduce, while enabling businesses to realize increased productivity gains.

Designed for small businesses, distributed enterprises, branch offices and retail deployments, the new TZ 215 elegantly integrates the most effective anti-malware, intrusion prevention, URL filtering into a single solution, driving down cost and complexity. The TZ 215 adds application intelligence and control to ensure bandwidth for critical applications, while throttling non-productive ones. It speeds troubleshooting and forensics of real-time and historic data, using drill-down visualization and Application Traffic Analytics to provide deep insight into bandwidth utilization and security threats. Advanced networking features include multiple ISP failover and load balancing, optional dual-band secure wireless, IPSec VPN support, network segmentation and PCI compliance capabilities. The TZ 215 is the only UTM firewall with a native VPN remote access client for iOS, Google® Android™, Windows, Mac OS and Linux that supports Clean VPN™, which decontaminates threats from VPN traffic. SonicWALL Enforced Client Anti-Virus and Anti-Spyware provides maximum prevention with virtually no administrative overhead, and is available for purchase with either McAfee® or Kaspersky® anti-virus software. The TZ 215 is the most trusted, reliable and easy-to-use security platform on the market.

Features and Benefits

High-performance security engine uses patented Reassembly-Free Deep Packet Inspection® technology* to examine traffic simultaneously across all ports without introducing latency to the network.

Integrated intrusion prevention protects against a comprehensive array of network-based application-layer exploits that target both servers and client machines on the network.

Advanced IPSec and SSL VPN connectivity options provide easy-to-use, secure, high-speed office-to-office and client-to-office remote access.

Streamlined GUI and advanced management ease deployment and configuration through intuitive set-up wizards and a powerful web interface.

Application intelligence, control and visualization offers real-time categorization of application traffic by user, delivering insight into the network for quick diagnosis and reaction to potential issues.

Dual-band wireless provides integrated 802.11a/b/g/n secure wireless access for network clients over the 2.4 GHz and the 5 GHz spectrums, and is perfect for retail and office environments.

Content/URL filtering helps organizations and educational institutions enforce their acceptable-use policies and protect against inappropriate, illegal and dangerous web content.

SonicWALL Gateway Anti-Virus and Anti-Spyware

Service provides the first layer of defense against Trojans, viruses, key loggers and other malware by blocking them at the gateway.

SonicWALL Comprehensive Anti-Spam Service utilizes real-time sender IP reputation analysis and cloudbased Advanced Content Management techniques to remove spam, phishing and virus-laden messages from inbound SMTP-based emails before they reach the network.

Multiple security zones provide network segregation with distinct security policies for each network segment.

WAN/ISP redundancy and failover increases network availability by seamlessly transitioning between multiple ISP connections in case of failure.

Comprehensive centralized management using the SonicWALL Global Management System (GMS®) provides award-winning tools for simplified configuration, enforcement and reporting of global security policies, VPN and services, all from a central location.

SonicWALL Enforced Client Anti-Virus provides an added layer of protection by ensuring network users are actively running McAfee or Kaspersky anti-virus software.



* U.S. Patents 7,310,815; 7,600,257; 7,738,380; 7,835,361

DYNAMIC SECURITY FOR THE GLOBAL NETWORK

Specifications



SonicWALL TZ 215 01-SSC-4978 SonicWALL TZ 215 TotalSecure* 01-SSC-4982



SonicWALL TZ 215 Wireless-N (US/Canada) 01-SSC-4979 SonicWALL TZ 215 Wireless-N TotalSecure* (US/Canada) 01-SSC-4984



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| Firewall TZ 215 Series SonicOS Version SonicOS 5.8.1 and later Stateful Throughput* SON Mbps IPS Throughput* 100 Mbps GAV Throughput* 00 Mbps UTM Throughput* 00 Mbps Maximum Connections* 48,000 Maximum Connections* 48,000 Maximum Connections* 48,000 Maximum Connections* 100 Mbps Nodes Supported Unrestricted Denial of Service Attack Protection 22 classes of DoS, DDoS and scanning attacks SonicPoints Supported 16 VPN 10 3DES/AES Throughput* 130 Mbps Site-to-Site VPN Tunnels 15 Bundled GVC Licenses (Maximum) 2 (25) Bundled GVC Licenses (Maximum) 2 (25) Ercryption/Authentication/DH Group DES, 3DES, AES (128, 142, 226-bit), MDS, SHA-1/DH Group 1, 2, 5, 14 Virtual Assist Bundled (Maximum) 30-day trial (2) Key Exchange (Ref Maximum) Stevender Deal Peer Detection, DHCP Over VPN, IPSec NAT Traversal, Redundant VPN Gateway, Route-based VPN Global VPN Client Platforms Supported Microsoft Windows 2000/XPN/Vista 32/64-bit | |
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| Stateful Throughput ¹ 500 Mbps IPS Throughput ² 110 Mbps GAV Throughput ² 60 Mbps UTM Throughput ² 60 Mbps UIM Throughput ² 60 Mbps IMIX Throughput ² 60 Mbps Maximum Connections ² 48,000 Maximum Connections ² 48,000 Maximum Connections ² 1,800 Nodes Supported 1,800 Denial of Service Attack Protection 22 classes of DoS, DDoS and scanning attacks SonicPoints Supported 16 VPN 130 Mbps Site-to-Site VPN Tunnels 15 Bundled GVC Licenses (Maximum) 2 (25) Bundled GVC Licenses (Maximum) 2 (10) Encryption/Authentication/DH Group DES, AES (128, 142, 256-bit), MDS, SHA-I/DH Group 1, 2, 5, 14 Virtual Assist Bundled (Maximum) 30-day trial (2) Key Exchange IKE, Manual K, Cybertrust, RSA Keon, Entrust and Microsoft CA for SonicWALL VPN, SCEP VPN Peatures Dead Peer Detection, DH-C Pover IPSec Gertificate Support Verisign, Thawte, Cybertrust, RSA Keon, Entrust and Microsoft CA for SonicWALL VPN, SCEP VPN Isocont Windows 232(4-bit) State-A-bit | |
| IPS Throughput ³ 110 Mbps GAV Throughput ³ 70 Mbps UTM Throughput ³ 60 Mbps IIM Throughput ³ 60 Mbps IMX Throughput ³ 110 Mbps Maximum Connections ³ 48,000 Maximum UM/DPI Connections 32,000 New Connections/Sec 1,800 New Connections/Sec 1,800 Denial of Service Attack Protection 22 classes of Dos, DDOS and scanning attacks SonicPoints Supported 16 VPN 30E5/AES Throughput ⁴ 3DES/AES Throughput ⁴ 130 Mbps Silte-to-Silte VPN Tunnels 15 Bundled SU LYPN Licenses (Maximum) 2 (25) Bundled SU VPN Licenses (Maximum) 2 (10) Encryption/Authentication/DH Group DES, AES (128, 142, 256-bit), MDS, SHA-1/DH Group 1, 2, 5, 14 Virtual Assist Bundled (Maximum) 30-day trial (2) Key Exchange IKE, Manual Key, Certificates (X, S0), L2TP over IPSec Certificate Support Verisign, Thawte, Cybertrust, RSA Keon, Entrust and Microsoft CA for SonicWALL VPN, SCEP VPN Features Dead Peer Detection, DHCP Over IPN, PSec NAI Traversal, Redundant VPN Gateway, Route-based VPN Global VPN Client Platform S | |
| GAV Throughput ² 70 Mbps UTM Throughput ² 60 Mbps IMIX Throughput ² 110 Mbps Maximum Connections ³ 48,000 Maximum UTM/DPI Connections 32,000 New Connections/Sec 1,800 Nodes Supported Unrestricted Denial of Service Attack Protection 22 classes of DoS, DDoS and scanning attacks SonicPoints Supported 16 VPN 130 Mbps Site-to-Site VPN Tunnels 15 Bundled GVC Licenses (Maximum) 2 (25) Bundled SL VPN Licenses (Maximum) 2 (10) Encryption/Authentication/DH Group DES, AES (128, 142, 256-bit), MDS, SHA-1/DH Group 1, 2, 5, 14 Virtual Assist Bundled (Maximum) 30-day trial (2) Key Exchange IKE, Manual Key, Certificates (X-S09), L2TP over IPSec Certificate Supported Dead Peer Detection, DH-C Pover VPN, IPSec NAI Traversal, Redundant VPN Gateway, Route-based VPN Global VPN Client Platforms Supported Microsoft* Windows 2000, Windows XP, Vista 32/64-bit, Windows 7, 32/64-bit St. VPN Platforms Microsoft* Windows 2000/XP/Vista 32/64-bit, Windows 7, 32/64-bit Deeep Packet Inspection Services Gateway Anti-Virus, Anti-Spyware, Intrusion Prevention, Application Intelligence | |
| UTM Throughput ² 60 Mbps IMIX Throughput ² 110 Mbps Maximum Connections ³ 110 Mbps Maximum Connections ³ 48,000 Maximum UTM/DPI Connections 32,000 New Connections/Sec 1,800 Nodes Supported Unrestricted Denial of Service Attack Protection 22 classes of DoS, DDoS and scanning attacks SonicPoints Supported 16 VPN 0 DBES/AES Throughput ⁴ 130 Mbps Site-to-Site VPN Tunnels 15 Bundled SSL UPN Licenses (Maximum) 2 (25) Bundled SSL VPN Licenses (Maximum) 2 (10) Encryption/Authentication/DH Group DES, AES (128, 142, 256-bit), MDS, SHA-1/DH Group 1, 2, 5, 14 Virtual Assist Bundled (Maximum) 30-day trial (2) Key Exchange IKE, Manual Key Curving, RSA Keon, Entrust and Microsoft CA for SonicWALL to-SonicWALL VPN, SCEP VPN Features Dead Peer Detection, DHC Over VPN, IPSec NAT Traversal, Redundant VPN Gateway, Route-based VPN Global VPN Client Platforms Supported Microsoft Windows 2000/XP/Vista 32/64-bit/Windows 7, Mac OSX 10.4+, Linux FC3+/Ubuntu 7+/OpenSUSE Mobile Connect (EFS) Microsoft Windows 2000/XP/Vista 32/64-bit/Windows 7, Mac OSX 10.4+, Linux FC3+/Ubuntu | |
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| Key Exchange IKE, Manual Key, Certificates (X.509), L2TP over IPSec Certificate Support Verisign, Thavte, 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 2000, Windows XP, Vita 32/64-bit, Windows 7 32/64-bit SSL VPN Platforms Microsoft Windows 2000, VXP/Vista 32/64-bit, Windows 7, Mac OSX 10.4+, Linux FC3+/Ubuntu 7+/OpenSUSE Mobile Connect Platform Supported Apple* IOS 4.2 or higher, Google* Android* 4.0 or higher Security Services Deep Packet Inspection Services Deep Packet Inspection Service (CFS) HTTP URL, HTTPS IP, Keyword and content sraning, ActiveX, Java Applet, and cookie blocking, bandwidth magement on filtering categories, allow/forbid lists Enforced Client Anti-Virus and Anti-Spyware McAfee* or Kaspersky* | |
| Certificate Support Verisign, Thawte, Cybertrust, RSA Keon, Entrust and Microsoft CA for 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 2000, Windows 72, 9/36 - 4/30. SL VPN Platforms Microsoft Windows 2000, V/PV/Vista 32/64 - bit //Windows 73, 2/36 - 4/bit //Mindows 73, 2/bit //Mindows 73, 2/36 - 4/bit //Mindows 73, 2/36 - 4/bit | |
| VPN Features Dead Peer Detection, DHCP Over VPN, IPSec NAT Traversal, Redundant VPN Gateway, Route-based VPN Global VPN Client Platforms Supported Microsoft* Windows 2000, Windows XP, Vista 32/64-bit SSL VPN Platforms Microsoft* Windows 2000, Windows XP, Vista 32/64-bit Mobile Connect Platform Supported Apple* iOS 4.2 or higher, Google* Android** 4.0 or higher Security Services Deep Packet Inspection Services Deep Packet Inspection Services Gateway Anti-Virus, Anti-Spyware, Intrusion Prevention, Applet, and cookie blocking, bandwidth management on filtering categories, allow/forbid lists Enforced Client Anti-Virus and Anti-Spyware McAfee* or Kaspersky* | |
| Global VPN Client Platforms Supported Microsoft* Windows 2000, Windows XP, Vista 32/64-bit, Windows 7 32/64-bit SSL VPN Platforms Microsoft Windows 2000/XP/Vista 32/64-bit/Windows 7, Mac DSX 10.4+, Linux FC3+/Ubuntu 7+/OpenSUSE Mobile Connect Platform Supported Apple* IOS 4.2 or higher, Google* Android* 4.0 or higher Security Services Deep Packet Inspection Services Deep Packet Inspection Service (CFS) HTTP URL, HTTPS IP, keyword and content scanning, ActiveX, Java Applet, and cookie blocking, bandwidth magement on filtering categories, allow/forbid lists Enforced Client Anti-Virus and Anti-Spyware McAfee* or Kaspersky* | |
| SSL VPN Platforms Microsoft Windows 2000/XP/Vista 32/64-bit/Windows 7, Mac OSX 10.4+, Linux FC3+/Ubuntu 7+/OpenSUSE Mobile Connect Platform Supported Apple* IOS 4.2 or higher, Google* Android* 4.0 or higher Security Services Deep Packet Inspection Services Deep Packet Inspection Service (CFS) Gateway Anti-Virus, Anti-Spyware, Intrusion Prevention, Application Intelligence and Control Enforced Client Anti-Virus and Anti-Spyware McAfee* or Kaspersky* | |
| Mobile Connect Platform Supported Apple* iOS 4.2 or higher, Google* Android™ 4.0 or higher Security Services Gateway Anti-Virus, Anti-Spyware, Intrusion Prevention, Application Intelligence and Control Content Filtering Service (CFS) HTTP URL, HTTP's IP, keyword and content scanning, ActiveX, Java Applet, and cookie blocking, bandwidth management on filtering categories, allow/forbid lists Enforced Client Anti-Virus and Anti-Spyware McAfee* or Kaspersky* | |
| Security Services Deep Packet Inspection Services Gateway Anti-Virus, Anti-Spyware, Intrusion Prevention, Application Intelligence and Control Content Filtering Service (CFS) HTTP URL, HTTPS IP, keyword and content scanning, ActiveX, Java Applet, and cookie blocking, bandwidth management on filtering categories, allow/forbid lists Enforced Client Anti-Virus and Anti-Spyware McAfee* or Kaspersky* | |
| Deep Packet Inspection Services Gateway Anti-Virus, Anti-Spyware, Intrusion Prevention, Application Intelligence and Control Content Filtering Service (CFS) HTTP URL, HTTP: IP, Ryware not filtering categories, allow/forbid lists Enforced Client Anti-Virus and Anti-Spyware McAfee® or Kaspersky* | |
| Content Filtering Service (CFS) HTTP URL, HTTP's IP, keyword and content scanning, ActiveX, Java Applet, and cookie blocking, bandwidth management on filtering categories, allow/forbid lists Enforced Client Anti-Virus and Anti-Spyware McAfee* or Kaspersky* | |
| Enforced Client Anti-Virus and Anti-Spyware McAfee® or Kaspersky* | |
| Enforced Client Anti-Virus and Anti-Spyware McAfee* or Kaspersky* | |
| | |
| | |
| Comprehensive Anti-Spam Service ⁶ Supported | |
| Application Intelligence and Control Application Traffic Visualization, Application Bandwidth Management | |
| 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 | |
| VLANS 20, PortShield | |
| DHCP Internal server, relay | |
| Routing OSPF, RIP v1/v2, static routes, policy-based routing, multicast | |
| Authentication XAUTH/RADIUS, Active Directory, SSO, LDAP, Novell, Internal user database, Terminal Services, Citrix | |
| Local User Database 150 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 | |
| System | |
| Zone Security Yes | |
| Schedules Yes | |
| Object-based/Group-based Management Yes | |
| DDNS Dynamic DNS providers include: dyndns.org, yi.org, no-ip.com and changeip.com | |
| Management and Monitoring Local CLI, Web GUI (HTTP, HTTPS), SNMP v2; Global management with SonicWALL GMS | |
| Logging and Reporting Analyzer, Scrutinizer, GMS, Local Log, Syslog, Solera Networks, NetFlow v5/v9, IPFIX with Extensions, Real-time Visualization | n |
| Hardware Failover Active/Passive | |
| Anti-Spam RBL support, Allowed/Blocked Lists, Optional SonicWALL Comprehensive Anti-Spam Service ⁶ | |
| Load Balancing Yes, Outgoing and Incoming | |
| Standards TCP/IP, UDP, ICMP, HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE, L2TP, PPTP, RADIUS, IEEE 802.3 | |
| WAN Acceleration Support? Yes | |
| Built-in Wireless LAN | |
| Standards 802.11a/b/q/n (WEP, WPA, WPA2, 802.11i, TKIP, PSK,02.1x, EAP-PEAP, EAP-TTLS) | |
| Standards 802.11a/b/g/n (WEP, WPA, WPA2, 802.11i, TKIP, PSK, 02.1x, EAP-PEAP, EAP-TTLS) | |
| Virtual Access Points (VAPs) Up to 8 | |
| | |
| Virtual Access Points (VAPs) Up to 8 Antennas (5 dBi Diversity) Triple, detachable, external Radio Power-802.11a/802.11b 15.5 dBm max/18 dBm max/17 dBM @ 6 Mbps, 13 dBM @ 54 Mbps | |
| Virtual Access Points (VAPs) Up to 8 Antennas (5 dBi Diversity) Triple, detachable, external Radio Power-802.11a/802.11b/802.11g 15.5 dBm max/18 dBm max/17 dBM @ 6 Mbps, 13 dBM @ 54 Mbps Radio Power-802.11n (2.46Hz)/802.11n (5.06Hz) 19 dBm McS 0, 11 dBm MCS 15/7 dBm MCS 0, 12 dBm MCS 0, 15 | |
| Virtual Access Points (VAPs) Up to 8 Antennas (5 dBi Diversity) Triple, detachable, external Radio Power-802.111/802.11b/802.11g 15.5 dBm max/12 dBM @ 64 Mbps, 13 dBM @ 54 Mbps Radio Power-802.111/802.11b (5.0GHz) 19 dBm MCS 10, 11 dBm MCS 10, 12 dBm MCS 15 Radio Receive Sensitivity-B02.11a/802.11b/802.11g -95 dBm MCS 0, -81 dBm MCS 15/-90 dBm @ 11Mbps/ | |
| Virtual Access Points (VAPs) Up to 8 Antennas (5 dBi Diversity) Triple, detarbable, external Radio Power-802.11a/802.11b/802.11g 15.5 dBm max/17 dBM @ 6 Mbps, 13 dBM @ 54 Mbps Radio Power-802.11a/802.11b/802.11g 19 dBm MCS 0, 11 dBm MCS 0, 12 dBm MCS 0, 16 mm MCS 15/77 dBm MCS 0, 12 dBm MCS 15 Radio Receive Sensitivity-802.11a/802.11b/802.11g -9-d dBm MCS 0, -84 dBm MCS 15/-90 dBm @ 11Mbps/ -9 dBm @ 6 Mbps, 74 dBm S 55 | |
| Virtual Access Points (VAPs) Up to 8 Antennas (5 dBi Diversity) Triple, detachable, external Radio Power-802.111a/802.11g 15.5 dBm max/18 dBm max/17 dBM @ 6 Mbps, 13 dBM @ 54 Mbps Radio Power-802.11n (2.4GHz)/802.11n (5.0GHz) 19 dBm MCS 0, 11 dBm MCS 15/7 dBm MCS 0, 12 dBm MCS 0 | |
| Virtual Access Points (VAPs) Up to 8 Antennas (5 dBi Diversity) Triple, detachable, external Radio Power-802.111a/802.11b/802.11g 15.5 dBm max/18 dBm max/17 dBM @ 6 Mbps, 13 dBM @ 54 Mbps Radio Power-802.11n (2.4GHz)/802.11n (5.0GHz) 19 dBm MCS 15/17 dBm MCS 15/7 dBm MCS 15 Radio Receive Sensitivity-802.11n (2.4GHz)/802.11g -95 dBm MCS 0, 21 dBm MCS 15/7 dBm MCS 15/7 Radio Receive Sensitivity-802.11n (2.4GHz)/802.11n (5.0GHz) -99 dBm MCS 0, -70 dBm MCS 15/7 Radio Receive Sensitivity-802.11n (2.4GHz)/802.11n (5.0GHz) -99 dBm MCS 0, -76 dBm MCS 15/7 | |
| Virtual Access Points (VAPs) Up to 8 Antennas (5 dBi Diversity) Triple, detrable, external Radio Power-802.11/8/02.11b/802.11g 15.5 dBm max/17 dBm @ 6 Mbps, 13 dBM @ 54 Mbps Radio Power-802.11/8/02.11b/802.11g 19 dBm MCS 0, 11 dBm MCS 0, 12 dBm MCS 0, 13 dBM @ 54 Mbps Radio Receive Sensitivity-802.11a/802.11b/802.11g -96 dBm MCS 0, -80 dBm MCS 15/-90 dBm @ 11Mbps/ -91 dBm @ eXhbps, -4 dBm MCS 0, -70 dBm MCS 15/ -99 dBm MCS 0, -70 dBm MCS 15/ Radio Receive Sensitivity-802.11n (2.4GHz)/802.11n (5.0GHz) -89 dBm MCS 0, -76 dBm MCS 15/ Hardware Built-in Wireless LAN -95 dBm MCS 0, -76 dBm MCS 15 | |
| Virtual Access Points (VAPs) Up to 8 Antennas (5 dBi Diversity) Triple, detachable, external Radio Power-802.11a/802.11b/802.11g 15.5 dBm max/17 dBM @ 6 Mbps, 13 dBM @ 54 Mbps Radio Power-802.11a (2.4GHz)/802.11n (5.0GHz) 19 dBm MCS 0, 11 dBm MCS 15/17 dBm MCS 0, 12 dBm MCS 15 Radio Receive Sensitivity-802.11a/802.11b/802.11g -96 dBm MCS 0, -81 dBm MCS 15/-90 dBm Q 11Mbps/ -91 dBm @ 6Mbps, 74 dBm @ 54 Mbps Radio Receive Sensitivity-802.11n (2.4GHz)/802.11n (5.0GHz) -89 dBm MCS 0, -70 dBm MCS 15/ -95 dBm MCS 0, -76 dBm MCS 15 Hardware Built-in Wireless LAN (7) 10/100/1000 Copper Gigabit, 2 USE, 1 Console | |
| Virtual Access Points (VAPs) Up to 8 Antennas (5 dBi Diversity) Triple, detachable, external Radio Power-802.11a/802.11g 15.5 dBm max/18 dBm max/17 dBM @ 6 Mbps, 13 dBM @ 54 Mbps Radio Power-802.11n (2.4GHz)/802.11n (5.0GHz) 19 dBm MCS 0, 11 dBm MCS 15/7 dBm MCS 0, 12 dBm MCS 0, 15 Radio Receive Sensitivity-802.11n (2.4GHz)/802.11n (5.0GHz) -95 dBm MCS 0, -81 dBm MCS 15/7 dBm MCS 0, -81 dBm MCS 15/7 dBm MCS 0, -81 dBm MCS 0, -74 dBm @ 54 Mbps Radio Receive Sensitivity-802.11n (2.4GHz)/802.11n (5.0GHz) -89 dBm MCS 0, -81 dBm MCS 0, -70 dBm MCS 15/ Hardware Builtcin Wireless LAN -89 dBm MCS 0, -76 dBm MCS 15 Interfaces (7) 10/100/1000 Copper Gigabit, 2 USB, 1 Console Flash Memory/RAM 32 MB/512 MB | |
| Virtual Access Points (VAPs) Up to 8 Antennas (5 dB) Diversity) Triple, detachable, external Radio Power-802.11a/802.11b/802.11g 15.5 dBm max/17 dBM @ 6 Mbps, 13 dBM @ 54 Mbps Radio Power-802.11a/802.11b/802.11g 19 dBm MCS 0, 11 dBm MCS 15/17 dBm MCS 0, 12 dBm MCS 15 Radio Receive Sensitivity-802.11a/802.11b/802.11g -93 dBm MCS 0, -81 dBm MCS 15/-90 dBm @ 1Mbps/ -91 dBm eXbbs, 74 dBm MCS 15/-90 dBm MCS 15/ -93 dBm MCS 0, -70 dBm MCS 15/ Radio Receive Sensitivity-802.11n (2.4GHz)/802.11n (5.0GHz) -89 dBm MCS 0, -70 dBm MCS 15/ Hardware Built-in Wireless LAN -95 dBm MCS 0, -76 dBm MCS 15 Interfaces (7) 10/100/1000 Copper Gigabit, 2 USB, 1 Console Flash Memory/RAM 32 MB/512 MB 3G Wireless/Modem ⁵ Supported with approved adapters ⁹ | |
| Virtual Access Points (VAPs) Up to 8 Antennas (5 dBi Diversity) Triple, detarbable, external Radio Power-802.11n (802.11b (802.11g) 15.5 dBm max/17 dBM @ 6 Mbps, 13 dBM @ 54 Mbps Radio Power-802.11n (802.11b (802.11g) 19 dBm MCS 0, 11 dBm MCS 0, 12 dBm MCS 0, 12 dBm MCS 15 Radio Receive Sensitivity-802.11a/802.11b (802.11g) -96 dBm MCS 0, -81 dBm MCS 15/-90 dBm MCS 0, 12 dBm MCS 0, 12 dBm MCS 0, 12 dBm MCS 0, 12 dBm MCS 0, -81 dBm MCS 0, -81 dBm MCS 0, -81 dBm MCS 0, -70 dBm MCS 15/-90 dBm MCS 0, -70 dBm MCS 0, -70 dBm MCS 0, -70 dBm MCS 0, -70 dBm MCS 15/-90 dBm MCS 0, -70 dBm MCS 15/-95 dBm MCS 0, -70 dBm MCS 15/-95 dBm MCS 0, -76 dBm MCS 15 Hardware Built-in Wireless LAN -99 dBm MCS 0, -76 dBm MCS 15/ Interfaces (7) 10/100/1000 Copper Gigabit, 2 USB, 1 Console Flash Memory/RAM 32 MB/512 MB 3G Wireless/Modem ³ Supported with approved adapters ⁶ USB Ports 2 | |
| Virtual Access Points (VAPs) Up to 8 Antennas (5 dBi Diversity) Triple, detachable, external Radio Power-802.11a (802.11b/802.11g 15.5 dBm max/18 dBm max/17 dBM @ 6 Mbps, 13 dBM @ 54 Mbps Radio Power-802.11n (2.4GHz)/802.11n (5.0GHz) 19 dBm MCS 0, 11 dBm MCS 15/7 dBm MCS 0, 12 dBm MCS 15 Radio Receive Sensitivity-802.11a/802.11b/802.11g -95 dBm MCS 0, -81 dBm MCS 15/7 dBm MCS 0, 12 dBm MCS 15 Radio Receive Sensitivity-802.11a/802.11n (5.0GHz) -96 dBm MCS 0, -81 dBm MCS 15/7 dBm MCS 0, -70 dBm MCS 15/7 Radio Receive Sensitivity-802.11n (2.4GHz)/802.11n (5.0GHz) -89 dBm MCS 0, -70 dBm MCS 15/7 Hardware Built-in Wireless LAN -89 dBm MCS 0, -76 dBm MCS 15/ Interfaces (7) 10/100/1000 Copper Gigabit, 2 USB, 1 Console Flash Memory/RAM 32 MB/512 MB 3G Wireless/Modem ⁵ Supported with approved adapters ⁶ USB Ports 2 Power Input 100 to 240 VAC, 50-60 Hz, 1 A | |
| Virtual Access Points (VAPs) Up to 8 Antennas (5 dBi Diversity) Triple, detachable, external Radio Power-802.11/802.11b/802.11g 15.5 dBm max/17 dBm Q6 Mbps, 13 dBM Q6 Mbps Radio Power-802.11/802.11b/802.11g 19.5 dBm MCS 0, 11 dBm MCS 0, 12 dBm MCS 0, 12 dBm MCS 15/7 Radio Receive Sensitivity-602.11a/802.11b/802.11g -99 dBm MCS 0, -81 dBm MCS 15/70 dBm MCS 15/70 dBm MCS 0, 12 dBm MCS 0, 12 dBm MCS 0, -81 dBm MCS 0, -70 dBm MCS 15/70 dBm MCS 0, -70 dBm MCS 0, -70 dBm MCS 15/70 dBm MCS 0, -76 dBm MCS 15/70 dBm MCS 0, -76 dBm MCS 15/70 dBm MCS 0, -76 dBm MCS 15/70 dBm M | |
| Virtual Access Points (VAPs) Up to 8 Antennas (5 dBi Diversity) Triple, detachable, external Radio Power-802.11a/802.11b/802.11g 15.5 dBm max/17 dBM @ 6 Mpp, 13 dBM @ 54 Mbps Radio Power-802.11a/802.11b/802.11g 19 dBm MCS 0, 11 dBm MCS 0, 12 dBm MCS 0, 12 dBm MCS 15 Radio Receive Sensitivity-802.11a/802.11b/802.11g -9.9 dBm MCS 0, -81 dBm MCS 15/-90 dBm MCS 0, 12 dBm MCS 15 Radio Receive Sensitivity-802.11a/802.11b/802.11g -9.9 dBm MCS 0, -81 dBm MCS 15/-90 dBm MCS 15/-90 dBm MCS 0, -70 dBm MCS 15/-90 dBm MCS 0, -76 dBm MCS 15/-90 dBm MCS 15/-90 dBm MCS 0, -76 dBm MCS 15/-90 dBm MCS 0, -76 dBm MCS 15/-90 dBm MCS 15/-90 dBm MCS 15/-90 dBm MCS 0, -76 dBm MCS 15/-90 dBm | |
| Virtual Access Points (VAPs) Up to 8 Antennas (5 dBi Diversity) Triple, detachable, external Radio Power-802.11a (802.11b/802.11g) 15.5 dBm max/13 dBM @ 6 Mbps, 13 dBM @ 54 Mbps Radio Power-802.11a (802.11b/802.11g) 19.5 dBm max/13 dBM max/17 dBm MCS 0, 12 dBm MCS 15 Radio Receive Sensitivity-802.11a/802.11b/802.11g -99 dBm MCS 0, 81 dBm @ 11Mbps/ -91 dBm @ 6Mbps, 74 dBm @ 54 Mbps Radio Receive Sensitivity-802.11n (2.4GHz)/802.11g -99 dBm MCS 0, 70 dBm MCS 15/ -99 dBm MCS 0, -70 dBm MCS 15/ -99 dBm MCS 0, -70 dBm MCS 15/ -99 dBm MCS 0, -70 dBm MCS 15 Hardware Built-in Wireless LAN -89 dBm MCS 0, -70 dBm MCS 15 Interfaces (7) 10/100/100 Copper Gigabit, 2 USB, 1 Console Flash Memory/RAM 32 MB/512 MB 3G Wireless/Modem ⁵ 2 Dower Input 100 to 240 VAC, 50-60 Hz, 1 A Max Power Consumption 11W/1SW Total Heat Dissipation 378TU/508TU Certifications VPNC, ICSA Frewall 4.1 | |
| Virtual Access Points (VAPs) Up to 8 Antennas (5 dBi Diversity) Triple, detachable, external Radio Power-802.11a/802.11b/802.11g 15.5 dBm max/12 dBm max/12 dBm max/12 dBm MCS 1, 3 dBM @ 54 Mbps Radio Power-802.11a/802.11b/802.11g 15.5 dBm max/12 dBm max/12 dBm MCS 0, 12 dBm MCS 15 Radio Receive Sensitivity-802.11a/802.11b/802.11g -90 dBm MCS 0, 11 dBm MCS 0, 12 dBm MCS 15 Radio Receive Sensitivity-802.11a/802.11b/802.11g -91 dBm MCS 0, -96 dBm MCS 15/-90 dBm @ 11Mbps/ -91 dBm MCS 0, -70 dBm MCS 15/-90 dBm @ 1Mbps/ -91 dBm MCS 0, -70 dBm MCS 15/ Radio Receive Sensitivity-802.11a/802.11n (5.0GHz) -89 dBm MCS 0, -70 dBm MCS 15/ -80 dBm MCS 0, -70 dBm MCS 15/-90 dBm MCS 15 -89 dBm MCS 0, -76 dBm MCS 15 Hardware Built-In Wireless LAN -89 dBm MCS 0, -76 dBm MCS 15 Interfaces (7) 10/100/1000 Copper Gigabit, 2 USB, 1 Console Flash Memory/RAM 32 MB/512 MB 36 Wireless/Modem ⁵ Supported wtith approved adapters ⁶ USB Ports 2 Power Input 100 to 240 VAC, 50- 60 Hz, 1 A Max Power Consumption 11W/1SW Total Heat Dissipation 37BTU/50BTU Certifications VPNC, ICSA Firewall 4,1 Certifications Pending EAL4+, FIPS 140-2 Level 2, IPv6 Phase 2 | |
| Virtual Access Points (VAPs) Up to 8 Antennas (5 dBi Diversity) Triple, detachable, external Radio Power-802.11a/802.11b/802.11g 155 dBm max/12 dBm max/12 dBm max/12 dBm S Radio Receive Sensitivity-802.11n (2.4GHz)/802.11g 19 dBm MCS 0, 11 dBm MCS 0, 12 dBm MCS 15 Radio Receive Sensitivity-802.11a/802.11b/802.11g -95 dBm MCS 0, 31 dBm QS 15/12 dBm MCS 0, 12 dBm MCS 15 Radio Receive Sensitivity-802.11n (2.4GHz)/802.11g -95 dBm MCS 0, 41 dBm ACS 15/24 dBm 25 dMps Radio Receive Sensitivity-802.11n (2.4GHz)/802.11n (5.0GHz) -95 dBm MCS 0, -70 dBm MCS 15/2 .91 dBm MCS 0, -70 dBm MCS 15/2 -95 dBm MCS 0, -70 dBm MCS 15/2 Hardware Built-in Wireless LAN -95 dBm MCS 0, -70 dBm MCS 15/2 Interfaces (7) 10/100/1000 Copper Gigabit, 2 USB, 1 Console Flash Memory/RAM 32 MB/512 MB 3G Wireless/Modem ⁵ Supported with approved adapters ⁴ USB Ports 2 Power Input 100 to 240 VAC, 50-60 Hz, 1 A Max Power Consumption 11W/15W Total Heat Dissipation 378/Ur508TU Certifications VPRC, ICSA Firewall 4.1 Certifications 7.125 x1.5 x 10.5 in | |
| Virtual Access Points (VAPs) Up to 8 Antennas (5 dBi Diversity) Triple, detachable, external Radio Power-802.11a/802.11b/802.11g 15.5 dBm max/12 dBm max/12 dBm max/12 dBm MCS 1, 3 dBM @ 54 Mbps Radio Power-802.11a/802.11b/802.11g 15.5 dBm max/12 dBm max/12 dBm MCS 0, 12 dBm MCS 15 Radio Receive Sensitivity-802.11a/802.11b/802.11g -90 dBm MCS 0, 11 dBm MCS 0, 12 dBm MCS 15 Radio Receive Sensitivity-802.11a/802.11b/802.11g -91 dBm MCS 0, -96 dBm MCS 15/-90 dBm @ 11Mbps/ -91 dBm MCS 0, -70 dBm MCS 15/-90 dBm @ 1Mbps/ -91 dBm MCS 0, -70 dBm MCS 15/ Radio Receive Sensitivity-802.11a/802.11n (5.0GHz) -89 dBm MCS 0, -70 dBm MCS 15/ -80 dBm MCS 0, -70 dBm MCS 15/-90 dBm MCS 15 -89 dBm MCS 0, -76 dBm MCS 15 Hardware Built-In Wireless LAN -89 dBm MCS 0, -76 dBm MCS 15 Interfaces (7) 10/100/1000 Copper Gigabit, 2 USB, 1 Console Flash Memory/RAM 32 MB/512 MB 36 Wireless/Modem ⁵ Supported wtith approved adapters ⁶ USB Ports 2 Power Input 100 to 240 VAC, 50- 60 Hz, 1 A Max Power Consumption 11W/1SW Total Heat Dissipation 37BTU/50BTU Certifications VPNC, ICSA Firewall 4,1 Certifications Pending EAL4+, FIPS 140-2 Level 2, IPv6 Phase 2 | |

¹Testing 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 kia test tools. Testing done with multiple flows through multiple port pairs. ³Actual maximum connection counts are lower when DPI services are enabled. ⁴VPN throughput measured using UDP traffic at 1280 byte packet size adhering to 1487 2544. ³3G card and modem are not included. See http://www.sonicwall.com/us/products/cardsupport.html for supported USB devices. ⁴The Comprehensive Anti-Spam Service supports an unrestricted number of users but is recommended for 250 users or less. ³With SonicWALL WXA Series Appliances.

40-105° F, 0-40° C/ 5-95% non-condensing

28 years/15 years





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Major Regulatory Compliance Environment/Humidity

MTBF