

SonicWALL

Internet Security Appliance Technical Specifications

SonicWALL Product Family



SonicWALL's award-winning Internet security appliances provide a complete line of defense against attacks and intrusions. By integrating the new CyberSentry™ Security Processor, the SonicWALL product family delivers exceptional firewalling and 3DES VPN throughput, as well as a wide array of security services that are ideally suited for small offices to distributed enterprises. SonicWALL's easy-to-use, high-performance solutions have made SonicWALL a leader in the Internet security market. SonicWALL boasts an installed base numbering over 190,000 units that protects millions of network users.

SonicWALL Hardware and Performance

SonicWALL TELE3 SonicWALL SOHO3 SonicWALL PRO 100

- Processor: 133MHz Toshiba TX3927
- RAM: 16MB
- Flash Memory: 4 MB
- Interfaces: (2)^{2,3} or (3)⁴ 10/100Base-T Ports
- Console: (1) Serial Port
- Concurrent Connections: 6,000
- Firewall Performance: 75 Mbps¹
- 3DES (168-Bit): 20 Mbps
- Simultaneous VPN Tunnels: 5²; 10³; 50⁴
- Dimensions: 8.25" x 6.5" x 2"
- Weight: 1.1 lbs
- Power: 100V - 240V AC

SonicWALL PRO 200 SonicWALL PRO 300

- Processor: 233MHz StrongARM RISC
- RAM: 16MB⁵, 64MB⁶
- Flash Memory: 4 MB
- Interfaces: (3) 10/100Base-T Ports
- Console: (1) Serial Port
- Concurrent Connections: 30,000⁵; 128,000⁶
- Firewall Performance: 190 Mbps
- 3DES (168-Bit): 25 Mbps⁵; 45 Mbps⁶
- VPN Tunnels: 500⁵; 1,000⁶
- Dimensions: 19" x 8.875" x 1.75"
- Weight: 6 lbs • Power: 100V - 240V AC
- Mounting: Rack Mountable – 1U Rack

SonicWALL GX 2500

- Processor: 866MHz Intel Pentium III
- RAM: 128MB
- Flash Memory: 16 MB
- Interfaces: (3) 10/100Base-T Ports
- Console: (1) Serial Port
- Concurrent Connections: 250,000
- Firewall Performance: 200 Mbps
- 3DES (168-Bit): 192 Mbps
- Simultaneous VPN Tunnels: 5,000
- Dimensions: 19" x 19" x 5.25"
- Weight: 30 lbs • Power: 100V - 240V AC
- Mounting: Rack Mountable – 3U Rack

SonicWALL GX 6500

- Processor: 866MHz Intel Pentium III
- RAM: 256MB
- Flash Memory: 16 MB
- Interfaces: (3) 1000Base-SX Ports
- Console: (1) Serial Port
- Concurrent Connections: 500,000
- Firewall Performance: 1.67 Gbps
- 3DES (168-Bit): 285 Mbps
- Simultaneous VPN Tunnels: 10,000
- Dimensions: 19" x 19" x 5.25"
- Weight: 30 lbs • Power: 100V - 240V AC
- Mounting: Rack Mountable – 3U Rack

¹All speeds are bi-directional

²SonicWALL TELE3

³SonicWALL SOHO3

⁴SonicWALL PRO 100

⁵SonicWALL PRO 200

⁶SonicWALL PRO 300

Standards:

TCP/IP, UDP, ICMP, HTTP, SNMP, FTP, RADIUS, IPSec, IKE, DHCP, PPPoE, L2TP

Certifications:

FCC, UL, BSMI, VCCI, CSA, ICSA Firewall, ICSA IPSec VPN

Environment:

Temperature: 40-105 °F, 5-40 °C
Humidity: 5-90% non-condensing

**SonicWALL SOHO3
TELE3 & PRO 100**
**SonicWALL
PRO 200**
**SonicWALL
PRO 300**
**SonicWALL
GX 2500**
**SonicWALL
GX 6500**

FIREWALL					
Firewall Throughput ¹	75 Mbps	190 Mbps	190 Mbps	200 Mbps	1.67 Gbps
Concurrent Connections	6,000	30,000	128,000	250,000	500,000
Firewall Certification	ICSA	ICSA	ICSA	ICSA	ICSA
Packet filtering Method	Stateful Packet	Stateful Packet	Stateful Packet	Stateful Packet	Stateful Packet
DoS, DDoS Protection	Yes	Yes	Yes	Yes	Yes
Transparent Mode	Yes	Yes	Yes	Yes	Yes
Network Address Translation	Yes	Yes	Yes	Yes	Yes
Port Address Translation	Yes	Yes	Yes	Yes	Yes
Predefined Services	Yes	Yes	Yes	Yes	Yes
Customizable Services	Yes	Yes	Yes	Yes	Yes
Network Access Rules	Yes	Yes	Yes	Yes	Yes
Number of Users	TELE3-5; SOHO3-10/50 PRO 100-Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
SECURITY SERVICES					
Vulnerability Scanning	Optional	Optional	Optional	Optional	Optional
Web Content Filtering	Optional	Optional	Optional	Optional	Optional
Custom Web Blocking	Yes	Yes	Yes	Yes	Yes
Anti Virus Management	Optional	Optional	Optional	Optional	Optional
Email Attachment Filtering	EXE, VBS, Custom	EXE, VBS, Custom	EXE, VBS, Custom	EXE, VBS, Custom	EXE, VBS, Custom
Malicious Code Filtering	Java, ActiveX, Proxy, Cookies, Digital Certs	Java, ActiveX, Proxy, Cookies, Digital Certs	Java, ActiveX, Proxy, Cookies, Digital Certs	Java, ActiveX, Proxy, Cookies, Digital Certs	Java, ActiveX, Proxy, Cookies, Digital Certs
NETWORKING SUPPORT					
VPN Client Pass Through	Yes	Yes	Yes	Yes	Yes
PPPoE/L2TP Support ²	Yes	Yes	Yes	Yes	Yes
DHCP Client Support ²	Yes	Yes	Yes	Yes	Yes
DHCP Server Support	Yes	Yes	Yes	Yes	Yes
Total Static Routes	128	128	128	128	128
MANAGEMENT					
Management Method	Web Browser	Web Browser	Web Browser	Web Browser	Web Browser
Remote Management	Secure VPN Mgmt	Secure VPN Mgmt	Secure VPN Mgmt	Secure VPN Mgmt	Secure VPN Mgmt
Global Management	SonicWALL GMS	SonicWALL GMS	SonicWALL GMS	SonicWALL GMS	SonicWALL GMS
SNMP Management	Yes	Yes	Yes	Yes	Yes
Command Line Interface	Yes	Yes	Yes	Yes	Yes
Firmware Update Method	Web Browser	Web Browser	Web Browser	Web Browser	Web Browser
Built-in Database Users	100	100	100	100	100
Diagnostic Tools	Ping, Trace, NSLookup	Ping, Trace, NSLookup	Ping, Trace, NSLookup	Ping, Trace, NSLookup	Ping, Trace, NSLookup
Logging and Alerting	Syslog, Email, Pager	Syslog, Email, Pager	Syslog, Email, Pager	Syslog, Email, Pager	Syslog, Email, Pager
Reporting	ViewPoint Optional for PRO 100 or 3 rd Party	ViewPoint Optional or 3 rd Party	ViewPoint or 3 rd Party	ViewPoint or 3 rd Party	ViewPoint or 3 rd Party
HIGH AVAILABILITY					
Failover Support	Not Available	Optional	Included	Included	Included
Active-Standby/Mirroring	Not Available	Yes	Yes	Yes	Yes
Dual Power Supplies	No	No	No	Yes	Yes
IPSEC VPN					
VPN Encryption	TELE3-Included; SOHO3 & PRO 100 - Optional	Included	Included	Included	Included
Encryption Methods	3DES, DES, ARCFour	3DES, DES, ARCFour	3DES, DES, ARCFour	3DES, DES, ARCFour	3DES, DES, ARCFour
Authentication	MD5, SHA-1	MD5, SHA-1	MD5, SHA-1	MD5, SHA-1	MD5, SHA-1
Key Management	IKE, Manual	IKE, Manual	IKE, Manual	IKE, Manual	IKE, Manual
VPN Interoperability	IPSec Certified Vendors	IPSec Certified Vendors	IPSec Certified Vendors	IPSec Certified Vendors	IPSec Certified Vendors
VPN Tunnels	TELE3 - 5; SOHO3 - 10; PRO 100 - 50	500	1,000	5,000	10,000
DES (56-Bit) Speed	20 Mbps	26 Mbps	47 Mbps	192 Mbps	285 Mbps
3DES (168-Bit) Speed	20 Mbps	25 Mbps	45 Mbps	192 Mbps	285 Mbps
Perfect Forward Secrecy	Yes	Yes	Yes	Yes	Yes
Prevent Replay Attacks	Yes	Yes	Yes	Yes	Yes
Group VPN Tunnel	Yes	Yes	Yes	Yes	Yes
User Authentication	RADIUS, SecurID	RADIUS, SecurID	RADIUS, SecurID	RADIUS, SecurID	RADIUS, SecurID
PKI/Digital Certificates	Authentication Service	Authentication Service	Authentication Service	Authentication Service	Authentication Service
VPN Clients Included	Optional	1 License	50 Licenses	100 Licenses	100 Licenses

¹ All speeds are bi-directional; single direction speeds would be limited to the maximum Ethernet Interface speed. ² PPPoE, L2TP, and DHCP Client are supported on the WAN interface.