

Ultra High Performance Business-class Firewall Security



The flagship model of the ProSafe firewall family — the SRX5308 is perfect for even the most demanding business networks. The SRX5308 features a hardware-accelerated data flow architecture that allows for 1 Gbps of stateful firewall throughput. This powerful VPN router is a high-performance, SNMP-manageable, network solution that furnishes multidimensional security including denial-of-service (DoS) protection, stateful packet inspection (SPI), URL keyword filtering, configurable hardware DMZ port, logging, reporting, and real-time alerts. QoS, WAN traffic metering, and bandwidth profiling gives you granular bandwidth management capabilities. VLAN support allows you to separate guest traffic from critical production servers. Four Gigabit LAN ports allows for maximum internal data transfer speeds, while the four Gigabit WAN ports provide two modes of session-based load-balancing as well as failover protection to ensure maximum throughput and reliable connectivity to the Internet.

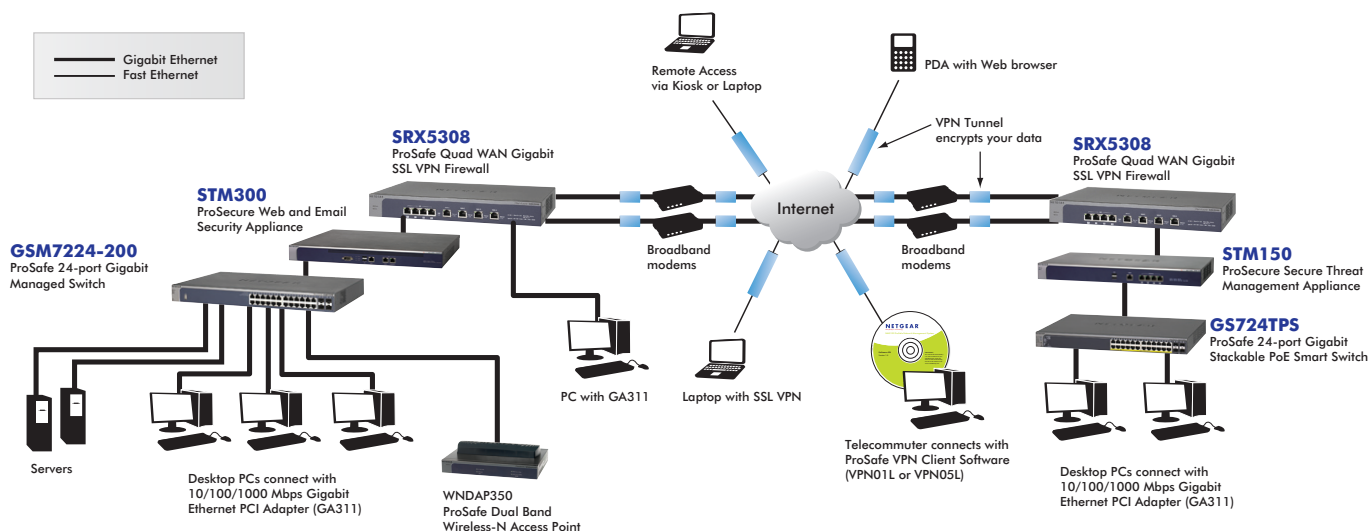
FEATURES AND BENEFITS

LAN-to-WAN Throughput ¹	<ul style="list-style-type: none"> • Hardware-accelerated 1Gbps LAN-to-WAN firewall throughput • 200,000 concurrent connections
Secure Firewall	<ul style="list-style-type: none"> • DoS attack protection • Block TCP/UDP packet floods • Port/service blocking • Hardware DMZ port • Web content filter
Quad Gigabit WAN Ports	<ul style="list-style-type: none"> • 2 modes of session-based WAN load balancing • WAN failover for maximum uptime
VLAN Support	<ul style="list-style-type: none"> • Create up to 254 individual 802.1Q VLANs • Allows for secure network segmentation • Separate guest traffic from critical production servers
SSL and IPsec VPN Remote Access	<ul style="list-style-type: none"> • SSL VPN – clientless remote access, anywhere, anytime • IPsec VPN – secure site-to-site tunnels and client-based remote access • Industry-strength encryption algorithms • IKE authentication protects against unauthorized remote access • 125 simultaneous IPsec VPN tunnels • 50 simultaneous SSL VPN tunnels
Bandwidth Management	<ul style="list-style-type: none"> • Control end user bandwidth consumption with Bandwidth Profiles • Prioritize traffic with Quality of Service (QoS) • WAN Traffic Metering
Easy to Use	<ul style="list-style-type: none"> • Auto Detect connects to your ISP quickly • DHCP (client and server) for fast deployment • Intuitive Web management GUI • IPsec VPN Wizard allows for easy VPN setup • SNMP, telnet management support • SYSLOG and emailed logs enable thorough network monitoring
Reliable NETGEAR Hardware	<ul style="list-style-type: none"> • Industry-grade metal casing • High-quality electronics • NETGEAR Lifetime Warranty



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TECHNICAL SPECIFICATIONS

PERFORMANCE

LAN-to-WAN Throughput ¹	924 Mbps
IPsec VPN (3DES) Throughput ¹	180 Mbps
SSL VPN Throughput ¹	21 Mbps
Maximum Concurrent Connections	200,000
Maximum Number of VLANs	254
Dedicated IPsec VPN Tunnels	125
Dedicated SSL VPN Tunnels	50

FIREWALL FEATURES

Stateful Packet Inspection (SPI)	Port/Service Blocking, Denial-of-service (DoS) Prevention, Stealth Mode, Block TCP Flood, Block UDP Flood, WAN/LAN Ping Response Control
Firewall Functions	Port Range Forwarding, Port Triggering, DNS proxy, MAC Address Cloning/spoofing, NTP Support, UPnP, Auto-Uplink on Switch Ports, L3 Quality of Service (QoS), LAN-to-WAN and WAN-to-LAN(ToS), Bandwidth Profiling
Content Filtering	Web Components (Proxy, Java, ActiveX, Cookies), Web Keyword Blocking, Trusted Domains
User Authentication for VPN	Active Directory, LDAP, Radius, WIKID, MIAS, NT Domain, Local User Database
PCI Compliance Two Factor Authentication Support	•
VoIP SIP ALG Compatibility List	Linksys SPA-901, Linksys SPA-941, SNOM M3, Cisco 7940G, X-Lite 3.0 (software for phones), D-Link DPH-140S, Grandstream GXP-2000, Polycom SoundStation 6000, Siemens C450, Aastra 51i
VPN Pass Through	IPsec, PPTP, L2TP

FIREWALL FEATURES

WAN Modes	NAT, Classical Routing
ISP Address Assignment	DHCP, Static IP Assignment, PPPoE, PPTP
NAT Modes	1-1, NAT, PAT
Routing	Static, Dynamic, RIPv1, RIPv2
DHCP	DHCP Server, DHCP Relay
DDNS	DynDNS.org, TZO.com, Oray.net, 3322.org
VLANs	802.1Q
Quad-WAN Fail-over	•
WAN Load Balancing Modes	Weighted Load Balancing, Round Robin

VPN

IPsec Encryption/Authentication	56-bit DES, 168-bit 3DES, AES(128, 192, 256 bit)/SHA-1, MD5
Key Exchange	IKE, Manual Key, Pre-shared Key, PKI, X.509 v3
IPsec NAT Traversal (VPN Passthrough)	•
IPsec Access Modes	Client-to-site, Site-to-site
IPsec VPN Wizard	•

TECHNICAL SPECIFICATIONS

VPN	
SSL Version Support	SSLv3, TLS1.0
SSL Encryption Support	DES, 3DES, ARC4, AES(ECB, CBC, XCBC, CNTR)128, 256 bit
SSL Message Integrity	MD5, SHA-1, MAC-MD5/SHA-1, HMAC-MD5/SHA-1
SSL Certificate Support	RSA, Diffie-Hellman, Self
SSL VPN Platforms Supported	Windows 2000/XP/Vista/Windows 7 (32, 64 bit), MAC OS X 10.4+
MANAGEMENT	
Management Interface Options	HTTP/HTTPS, SNMP v2c, Telnet
Logging	Accepted Packets, Dropped Packets, System, Source MAC filter, Session Limit, Bandwidth Limit, SSI VPN, IPsec VPN
Log Delivery	Email Delivery, Syslog
Diagnostics	Ping, DNS Lookup, Trace Route
Maintenance	Save/restore Configuration, Restore to Factory Defaults, Firmware Upgrades via Web Browser, Display Statistics
HARDWARE	
Gigabit RJ45 Ports WAN/LAN	4/4
DMZ Interfaces (Configurable)	1
Flash Memory/RAM	64 MB/512 MB
Certifications	VPNC (Basic, AES Interop)
Major Regulatory Compliance	Environment: RoHS, China RoHS Safety: CE/LVD, cUL EMI: FCC Part 15 Class A, CE mark commercial, C-Tick Class A, VCCI
Storage and Operating Temperatures	Operating Temperature: 0° - 45° C (32° - 113° F) Storage Temperature: -20° - 70° C (-4° - 158° F)
Humidity	Operation 90% Maximum Relative, Storage 95% Maximum Relative
Electrical Specifications	AC 100-240V, 50/60 Hz Universal Input, DC 5V/5A Output Internal Power Supply
Dimensions (W x H x D) cm	33 x 4.3 x 20.9
Dimensions (W x H x D) in	13 x 1.7 x 8.2
Weight kg/lb	2.1/4.6
System Requirements	Cable, DSL, or Wireless Broadband Modem, Internet Service, Network Card for Each Connected PC, Network Software (e.g. Windows), Internet Explorer 5.0 or Higher or Mozilla Firefox 1.0 or Higher
Package Contents	ProSafe Quad WAN Gigabit Firewall (SRX5308), Ethernet Cable, Power Cable, Rackmount Kit, Rubber Feet, Installation Guide, Warranty/Support Information Card, Resource CD With Single User ProSafe VPN Client Software License
Warranty	Lifetime
ORDERING INFORMATION	
North America	SRX5308-100NAS
Europe	SRX5308-100EUS
Asia	SRX5308-100AJS
ACCESSORIES	
ProSafe Client Software	VPN01L (1-User), VPN05L (5-User)
ProSafe Network Management Software	NMS100
PROSUPPORT SERVICE PACKS	
OnCall 24x7, Category 1	PMB0331-100 (US), PMB0331 (non-US)
XPressHW, Category 1	PRR0331

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*Basic technical support provided for 90 days from date of purchase.

†Throughput measured in a lab environment. Actual performance may vary.

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