ProSafe® Wireless-N 8-port Gigabit VPN Firewall

- Securely connects up to 5 remote office or traveling users to your office network via VPN
- Stateful packet inspection firewall for robust business security
- IPsec VPNs connect remote users as well as remote sites, with optional software
- Gigabit Networking Ethernet ports offer 10x the speed of Fast Ethernet
- SSL VPNs connect remote users without the need for additional software

Features

- True firewall using stateful packet inspection (SPI) and intrusion detection
- Initiates up to 12 VPN tunnels simultaneously
- IPsec VPN connections using (128-bit, 256-bit) AES and 168-bit 3DES encryption
- NAT routing and VPN pass-through for extra security
- IPV4/IPV6 support
- Application layer gateway support (SIP and FTP)
- Smart Wizard® connects to your ISP quickly and easily
- Windows®, UNIX®, Macintosh® and Linux compatible
- Integrated 8-port 10/100/1000 Gigabit Ethernet switch
- 5 SSL VPN connections
- 64 VLAN support
- b/g/n wireless 2.4Ghz with multiple SSID support
The NETGEAR ProSafe line of business networking products offers a wide array of easy-to-use, professional-grade switching, wireless, software and security solutions. Backed by a lifetime hardware warranty for the original purchaser, ProSafe products provide an abundance of intelligent, innovative and practical features, addressing the unique requirements of business networks.

<table>
<thead>
<tr>
<th>Features</th>
<th>ProSafe 8-port Gigabit VPN Firewall (FVS318N)</th>
<th>ProSafe Dual WAN SSL VPN Firewall (FVS336G)</th>
<th>ProSafe Quad WAN SSL VPN Firewall (SRX5308)</th>
<th>ProSafe Gigabit VPN Firewall (FVS318G)</th>
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<tr>
<td>Ports</td>
<td>(8) 10/100/1000 LAN (1) 10/100/1000 WAN</td>
<td>(4) 10/100/1000 LAN (2) 10/100/1000 WAN</td>
<td>(4) 10/100/1000 LAN (4) 10/100/1000 LAN</td>
<td>(8) 10/100/1000 LAN</td>
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<tr>
<td>WAN Redundancy</td>
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<td>VPN Tunnels</td>
<td>12 IPSEC 5 SSL (1) 10/100/1000 WAN</td>
<td>25 IPSEC 10 SSL (1) 10/100/1000 WAN</td>
<td>125 IPSEC 50 SSL (1) 10/100/1000 WAN</td>
<td>5 IPSEC (1) 10/100/1000 WAN</td>
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<tr>
<td>LAN-WAN Throughput</td>
<td>95 Mbps (1) 10/100/1000 WAN</td>
<td>60 Mbps (1) 10/100/1000 WAN</td>
<td>924 Mbps (1) 10/100/1000 WAN</td>
<td>25 Mbps (1) 10/100/1000 WAN</td>
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<td>Concurrent Connections</td>
<td>6000</td>
<td>10,000</td>
<td>200,000</td>
<td>6,000</td>
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<td>Encryption</td>
<td>DES, 3DES, AES (1) 10/100/1000 WAN</td>
<td>DES, 3DES, AES (1) 10/100/1000 WAN</td>
<td>DES, 3DES, AES (1) 10/100/1000 WAN</td>
<td>DES, 3DES, AES</td>
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<tr>
<td>Wireless 802.11 b/g/n</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
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<td>SIP Aware</td>
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<td>VPNC Certified</td>
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The diagram shows the configuration of a ProSafe 8-port Gigabit VPN Firewall (FVS318N) connected to various devices including servers, desktop PCs, a broadband modem, and the Internet. Telecommuter connects with ProSafe VPN Client Software (VPNG01L and VPNG05L). Site to Site VPN Connectivity through IPsec VPN Tunnel.

Key:
- 10/100/1000 Mbps
- VPN tunnel
System Requirements
- Cable, DSL or wireless broadband modem and
- Internet service
- Ethernet connectivity from broadband modem
- Network card for each connected PC
- Network software (e.g. Windows)
- Internet Explorer® 5.0 or higher or Netscape
- Navigator 4.7 or higher or Firefox® 2.0 or higher

Technical Specifications

- Protocol Support
  - Network: IP routing, TCP/IP, UDP, ICMP, PPPoE
  - IPv4/IPv6 support
  - IP addressing: DHCP (client and server)
  - Routing: RIP v1, RIP v2 (static routing, dynamic routing)
  - VPN/security: IPsec (ESP), IKE, PKI, HTTPS

- Application Support
  - IPsec pass-through, H.323, Instant Messenger™, RealPlayer®, QuickTime®, DialPad, SIP proxy, two-factor authentication

- Functions
  - VPN Wizard to simplify configuration of IPsec VPNs
  - Auto Detect to automatically detect ISP address type (static, dynamic, PPPoE)
  - Port range forwarding
  - Port triggering
  - Enable/disable WAN ping
  - DNS proxy
  - MAC address cloning/spoofing
  - Network Time Protocol NTP support
  - Diagnostic tools (ping, DNS lookup, trace route, other)
  - Port/service

- Functions (continued)
  - Auto-Uplink on switch ports
  - L3 Quality of Service (QoS) LAN-to-WAN and WAN-to-LAN (ToS)
  - b/g/n Wireless Interface 2.4Ghz
  - SIP ALG
  - GUI-selectable DMZ port

- Maintenance
  - Save/restore configuration, restore defaults, upgrades via Web browser, display statistics

- Firewall
  - Stateful packet inspection (SPI), DoS attack detection/logging, dropped packet log, security event log, email log
  - 95 Mbps LAN-WAN Throughput
  - 6000 Concurrent Connections

- VPN
  - Box-to-box, client-to-box, authentication (MD5, SHA-1), Manual Key, shared secret, key management (IKE, Diffie-Hellman, manual), X.509 certificate support, DES, 3DES and AES IPsec encryption

- Power Adapter
  - Plug is localized to country of sale in North America, Australia, Europe, United Kingdom, Japan

- Physical Specifications
  - Dimensions (w x d x h): 190 x 125 x 35 mm (7.5 x 4.9 x 1.4 in)
  - Weight: 0.59 kg (1.3 lb)

- Hardware
  - 300 MHz 32-bit RISC CPU
  - 32 MB Flash, 128MB DRAM

- Interface Specifications
  - LAN: 10/100/1000 Mbps
  - WAN: 10/100/1000 Mbps
  - Wireless b/g/n 2.4Ghz

Warranty
- Firewall: NETGEAR Lifetime Warranty
- Power supply: NETGEAR 3-year Warranty

Package Contents
- ProSafe Wireless-N 8-port Gigabit VPN Firewall (FVS318N)
- Ethernet cable
- Power adapter
- Install guide
- Resource CD

ProSupport Maintenance Services
- Optional support packages are available:
  - OnCall 24x7 advanced technical support
  - XPressHW next business day hardware replacement
- For more information: http://prosupport.netgear.com

NETGEAR Related Products

- Software
  - ProSafe VPN Client (Trial Version)
  - VPNG01L ProSafe VPN Client Professional Software single-user license
  - VPNG05L ProSafe VPN Client Professional Software 5-user license

Ordering Information
- North America: FVS318N-100NAS
- Europe: FVS318N-100EUS
- Asia: FVS318N-100AUS