

# Snapgear SG300

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The SnapGear<sup>®</sup> SG300 is a compact, feature-rich network security appliance that is perfect for securing very small networks and remote workers. The onboard 10/100 Ethernet switch enables a small business to implement a LAN quickly and easily, and connect the network to the Internet via broadband (ADSL, cable, SHDSL, etc.) or narrow-band (modem or ISDN) connections. If the broadband connection is lost, the SG300 can fail over in seconds to the narrowband connection, ensuring maximum uptime.

With a powerful stateful-inspection firewall, service-based intrusion detection and blocking solution, and advanced Internet connection sharing features, the SG300 is a price/performance leader. Recommended for: • Small businesses needing to connect multiple offices and telecommuters via a VPN • Routing ADSL/Cable up to T1, DS1 and E1 speeds • VPN connections up to 3.5 Mbps (most Cable and ADSL) Features

- Fully integrated IPsec VPN
- Full PPTP and L2TP VPN client and server
- Up to 30 Mbps LAN throughput
- Unrestricted, unlimited user license
- Web console for configuration and management
- Fully interoperable with CyberGuard appliances and other standards-based security devices
- No third-party client software required
- Central management with Global Command Center Specifications
- VPN - IPsec
- Peer-to-peer (initiate and terminate)
- ESP and AH payloads
- Supports aggressive mode
- DES 56-bit and 3DES 168-bit encryption
- Hashes HMAC - MD5 and SHA-1 authentication
- IKE/ISAKMP Diffie-Hellman key exchange
- Pre-shared secrets
- Dynamic IP address end-points
- Authentication up to 512-bit for RSA key signatures
- Up to 40 IPsec tunnels
- Up to 2 Mbps 3DES, 3.5 Mbps AES throughput
- VPN - PPTP
- v2 client and server
- Pass-through mode
- MPPE 40 to 128-bit RC4 encryption
- PAP/CHAP/MS CHAPv2 authentication
- Up to 5 PPTP client tunnels
- Up to 5 PPTP server tunnels
- Up to 4 Mbps RC4 throughput
- Stateful firewall
- Routing
- DHCP - client and server
- PPPoE (for ADSL support)
- NAT - static and dynamic
- NAT/PAT - port forwarding
- Connection sharing
- Anti-intrusion
- Logging (local and remote)
- Traffic shaping (QoS)
- DNS caching, masquerading, proxy
- IP aliases
- NTP client and server
- Web management
- CLI (Telnet) management
- Dial on demand
- Initial setup via either static IP address or dynamic IP address (DHCP client)
- Status LEDs
- 30 Mbps routed throughput
- 27 Mbps PPPoE throughput
- 30 Mbps firewall performance

- WAN port - 10/100BaseT
- LAN port - 4x10/100BaseT switch autosensing
- Serial ports - 1 (dial-on-demand)
- Memory - 4Mb Flash, 8Mb RAM
- Power - 12V 800 mA
- Weight - 12oz (300)
- Dimensions - 7"x4.6"x1.7" (178mmx118mmx43mm)
- Operating temperature 0C to 40C
- Storage temperature -20C to 70C
- Humidity 0 to 95%, non-condensing
- Certification - home and office
- Warranty - 1 year\* Extended 3 Year Warranty Available

\*Except where required to be 2 years by lawOther Snapgear models and links:

SG300  
SG560  
SG565  
SG580  
SG720  
SG640