



## TWIN WAN DNS/IP VPN GATEWAY

Model XC-DPG603

### The T1 Alternative™



XiNCOM's Broadband Products are the highest quality, most durable constructed routers on the market today. We strive to manufacture the latest technology to be compatible with and surpass today's demanding and ever changing Broadband industry.

#### Overview

The XiNCOM XC-DPG603 is a revolutionary DNS to IP VPN Gateway that provides advanced networking services most commonly found in enterprise class infrastructures at a fraction of the cost. XiNCOM tailors these services with innovative features such as inbound/outbound load balancing, auto-failover, and a built-in VPN endpoint. The XC-DPG603's primary features are full VPN Aggregation with Automatic Failover and the Authoritative DNS function with Inbound Load Balancing. The VPN capability will allow for two aggregated VPN tunnels to effectively work as single tunnel combining VPN traffic over two broadband connections. Full redundancy is assured when establishing a VPN tunnel on each WAN port. The authoritative DNS feature load balances inbound traffic requests to the respective IP address on a network infrastructure that hosts content on multiple servers. High throughput of inbound and outbound requests are managed by dual WAN ports that utilize the combined bandwidth of two separate concurrent broadband connections including DSL, Cable, and/or T1.

### XC-DPG603 Features & Benefits

**Built-in VPN Security:** The XC-DPG603 is a VPN capable Dual WAN VPN Gateway with industry standard IPsec encryption. It provides extremely secure LAN-to-LAN connectivity with the use of two concurrent VPN tunnels over two broadband connections. The XC-DPG603 will aggregate traffic requests while providing full redundancy with automatic failover. VPN security is supported by encryption, encapsulation, and authentication using the following methods: DES/3DES/AES, MD5, SHA-1 and SHA-2; up to 50 IPsec tunnels are permitted.

**VPN Aggregation:** Combining two separate and concurrent VPN tunnels provides faster throughput between your Virtual Private Network.

**Authoritative DNS-to-IP:** The XC-DPG603 is an authoritative DNS to IP gateway that resolves a domain name to its respective IP addresses. This new capability allows for inbound *failover* and *load balancing* for servers located behind the gateway. Using dual WAN ports simultaneously increases available bandwidth for both uploads and download requests. You can set load balance type by Packets, Bytes rx+tx and Sessions.

**Multiple Connection Methods:** All popular DSL and Cable Modems and connection methods are supported, including Fixed IP, Dynamic IP, PPPoE, even multiple-session PPPoE.

**4-Port 10/100 Switch:** The XC-DPG603 incorporates a 4-port 10/100 N-Way Ethernet Switch, complete with auto-crossover for easy connection to an existing network.

**SPI Firewall:** Protects your network using advanced Stateful Packet Inspection against hackers and DDoS attacks.

**Advanced NAT Features:** Access Filters, DMZ, DDNS, Remote Management, Dynamic or Static Routing, Special Applications, URL blocking, Virtual Servers, SNMP.

**Access Filter:** Gain fine control over the Internet access and applications available to LAN users. Five (5) user groups are available, and each group can have different access rights.

**Multi DMZ:** Fully supports situations where your ISP allocates multiple IP addresses, up to 8 static IP addresses per port.

**Remote Management:** Full configuration of the router through the internet, you can even upload updated firmware.

**Special Applications:** Used for applications where the port number used for the response is different to the port number used by the sender. Such as online games and chats.

**URL Blocking:** Block access to undesirable Web sites by LAN users.

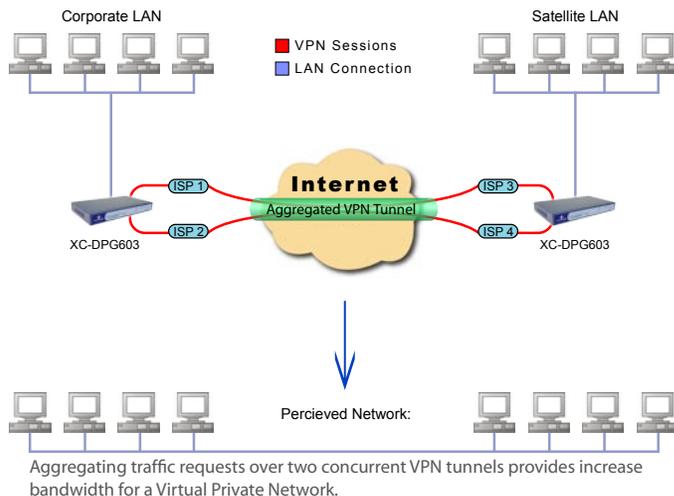
**Virtual Servers:** Allow Internet users to access Internet servers on your LAN. Easy configuration of standard servers such as Web, FTP or E-Mail servers, plus the ability to define you own Server types if required.

**Dynamic DNS:** Dynamic DNS allows use of a Domain name even with a dynamic IP address.

**QoS:** QoS allows you to schedule and direct network traffic.

**uPnP:** Universal plug and play for easy connectivity making it more consumer oriented.

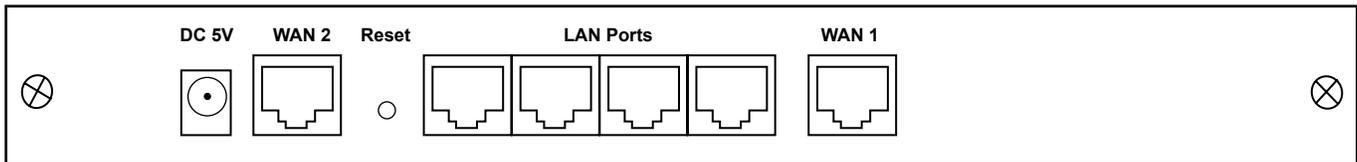
#### How it works: Aggregating two concurrent VPN tunnels



## Model XC-DPG603 Technical Specifications

<b>WAN:</b>	2-port 10/100 Mbps RJ45 Auto-MDI/MDIX; 802.3/802.3u	<b>Firmware Upgrade:</b>	HTTP web based download TFTP download
<b>LAN:</b>	4-port 10/100Mbps RJ45 Auto-MDI/MDIX; 802.3/802.3u	<b>Applications:</b>	Support MSN & Net meeting Support with H.323 VoIP products Multi-session PPPoE SMTP bind SNMP NAT status & connection list Virtual server Multi-DMZ MTU changeable for WAN Dial-on-demand & Auto-disconnect Dynamic DNS MAC address clone Transparent Bridge Mode
<b>Throughput:</b>	Over 44 Mbits/sec	<b>Hardware:</b>	RISC 166Mhz Processor 1Mb Flash memory 16Mb RAM
<b>Load Balance &amp; Backup:</b>	Inbound & Outbound load balance by bytes, packet, & session Auto backup connection	<b>Supported OS:</b>	Win98 / Win2000 / WinMe / WinXP / MAC / Linux
<b>Protocols:</b>	Security: NAT, UPAP, CHAP Network: TCP/IP, DHCP, PPP, UPAP, PPPoE, Multi-session PPPoE Routing: static route for WAN & LAN, ICMP, ARP Proxy, HTTP, RIP I/II Connection: static IP, dynamic IP, PPPoE, PPTP	<b>Power:</b>	External Power Adapter (5Vdc@1A)
<b>VPN:</b>	IPSec Tunnels: 50 Encryption: DES(56-bit), 3DES(168-bit), & AES(128-bit) Authentication: MD5, SHA1, SHA2 Manual key & IKE(Internet Key Exchange) VPN throughput: 10 Mbps	<b>Operating Environment:</b>	32°F (0°C) to 104°F (40°C)
<b>Firewall:</b>	Stateful Packet Inspection NAT (Network Address Translation) NAPT (Network Address Port Translation) DoS (Denial of Service) Access control by group Ping to Death ICMP filter for WAN Packet filter URL block	<b>Storage Temperature:</b>	14°F (-10°C) to 158°F (70°C)
<b>Security:</b>	Admin passwords Authentication with UPAP and CHAP for PPPoE	<b>Certification:</b>	FCC Class B; CE
<b>Management:</b>	Management through WAN & LAN port HTTP web based management Email alert of disconnection	<b>Dimensions/Weight:</b>	9.63in / 244mm (W) x 5.63in / 143mm (D) x 1.18in / 30mm (H) / 1.15lbs / 521g (wt.)

### Rear View



## XiNCOM Corporation

XiNCOM is an award winning developer and manufacturer of network, broadband, digital electronics, voice and data communications solutions for the digital home, Small Office/Home Office (SOHO), Small to Medium Business (SMB), and Workgroup to Enterprise environments.

XiNCOM's strategy for success is to continue to innovate and position ourselves ahead of market trends. Our corporation is dedicated to the development of advanced technology and quality products. XiNCOM's Research and Development team constantly utilizes the latest technology in creative and efficient ways and integrate it into our products in order to meet and exceed the demands of our customers. Knowing our customers is the company's key strength. Launching the right product at the right time is what XiNCOM believes to be crucial in staying competitive.

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