

# XINCOM CORPORATION®

cutting edge innovations™

## TWIN WAN DNS➔IP GATEWAY Model XC-DPG602

### 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-DPG602 is a revolutionary DNS-to-IP 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 and auto-failover. The XC-DPG602 functions as an authoritative DNS to IP Gateway that load balances inbound traffic requests to the respective IP address on a network infrastructure that hosts content throughout multiple web servers. High throughput of inbound and outbound requests is managed by dual WAN ports that utilize the combined bandwidth of two separate concurrent broadband connections including DSL, Cable, and/or T1.

### XC-DPG602 Features & Benefits

**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-DPG602 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.

**Authoritative DNS-to-IP:** The XC-DPG602 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.

**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.

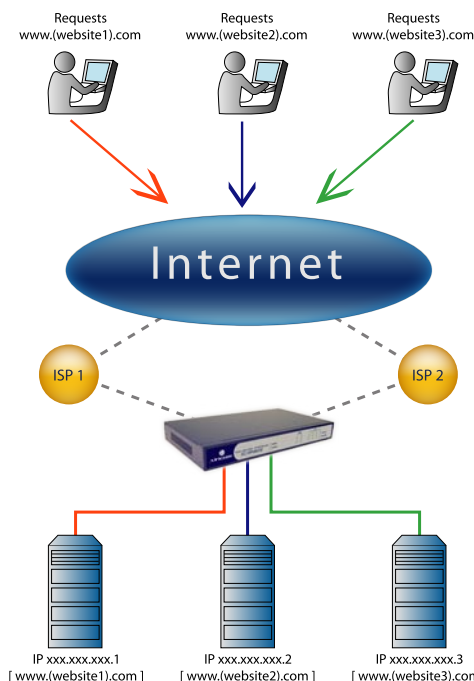
**Virtual Servers:** Allow Internet users to access Internet servers on your LAN. Easy configuration of standard servers such as Web, FTP or E-Mail servers, plus the ability to define you own Server types if required.

**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:** Network setup for the XC-DPG602 Twin WAN DNS to IP Gateway.



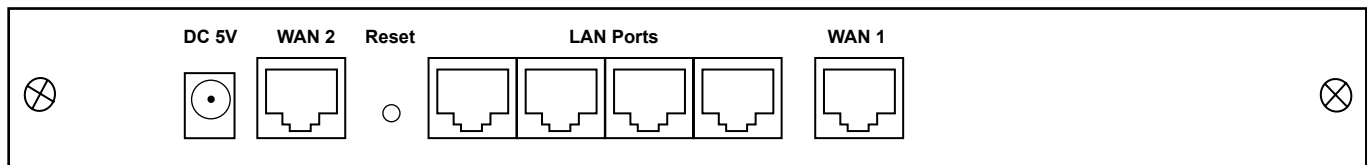
When many user requests overwhelm one broadband connection, the 602 Gateway will efficiently utilize the available bandwidth of the second available connection by inbound/outbound load balancing web traffic. This helps avoid traffic lag time between the web user's requested information and your company's server.

An authoritative DNS combined with load balancing ensures this redundant connectivity to your customers.

## Model XC-DPG602 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>	Pass through support for IPSEC, PPTP, and L2TP PPTP client	<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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