



ADSL2plus Bonded Modem

NexusLink Residential Gateway

A single box solution for deploying Triple Play architectures, doubles the bandwidth (48Mbps) performance over traditional ADSL2plus modems, high performance Router, Security, QOS, VPN, Management and flexible networking, options including a wireless access point.

Triple Play

Data, Video and Voice services over a single device.

ADSL2plus Bonded

Two pair bonding doubles the bandwidth enabling the delivery of multiple high bandwidth utilization media types.

Router

High-performance network media processor for Data, Video and Voice bundled services and security applications.

Security

Professional grade firewall with Denial of Services protection keeps your network safe from Internet hackers.

Quality Of Service

Prioritize different traffic and media types across the Internet.

Virtual Private Networking (VPN)

Initiate and terminate secure communication sessions across the Internet.

Management

Quick Install wizard allows for simple configuration. DSL Forum's TR-69 enables operators to configure and up grade remote units effortlessly.

Networking

Ethernet and wireless connectivity allow for multiple computers and media devices to access the Internet simultaneously.

NEXUSLINK

NexusLink *the Video Enabler*

Technical Specifications

ADSL

- G.dmt, G.dmt.bis, ANSI T1.413 Issue 2, ADSL2, RE-ADSL2, ADSL2+ and ADSL2+ Bonded
- Annex A, L & M
- Power Management L0, L2 and L3
- Seamless Rate Adaptation

ATM

- AAL5
- Up to 8 VCCs across VPI 0-255, VCI 0-65535
- Traffic class: UBR, CBR, VBR-rt and VBR-nrt
- UNI 3.1/4.0 PVC
- OAM F4/F5

Bridging

- RFC 2684 (formerly 1483) Bridged Ethernet over ATM PVCs
- IEEE 802.1d transparent bridging and learning
- Spanning Tree Algorithm
- VLAN
- IGMP Proxy & Snooping

Routing

- RFC 2364 (PPPoA), RFC 2516 (PPPoE), RFC 2225 (formerly 1577 – IPoA)
- Static route, RIP, RIPv2 and MAC Encapsulated Routing (MER)
- PPPoE Relay/Bridging
- Network Address Translation (NAT)
- Network Address Port Translation (NAPT)
- DHCP client/server/relay
- DNS proxy
- IP QOS

Security

- PAP (RFC 1334) and CHAP (RFC1994) authentication protocols
- Stateful Inspection Firewall
- Denial of Services (DoS) protection
- Filter on source/destination TCP/IP address and/or port number
- Access level control

Virtual Private Network

- AES, DES and 3DES encryption
- SHA-1, SHA256 and MD-5 authentication
- IPSec, ESP and AH encryption/decryption protocols

Wireless

- Dual mode 802.11b and 802.11g radio
- 64/128 bit WEP and WPA data encryption
- IEEE 802.1x
- Up to 54Mbps data rate

Management

- Web based graphical user interface
- Command Line Interface (CLI)
- Configuration wizard
- Configuration back-up and restore
- Firmware up-grade
- Telnet
- SNMP v1 & v2
- TR-064 and TR-069*

Media Interfaces

- 1 - WAN: ADSL2+ bonded (RJ-14)
- 4 - 10/100BaseT Ethernet switch (RJ45)
- MDI/MDI-x auto sensing
- 802.11g wireless

Hardware Specifications

- Power On/Off switch
- Rest button
- Dimensions: 200 x 44 x 136.5 mm (7.8 x 1.7 x 5.3 in.)
- LED : Power, ADSL, Wireless and LAN1 to LAN4
- AC voltage : 110 VAC 60Hz or 220 VAC
- Temperature: 0° ~ 50°C (32 ~ 122 F)
- Humidity: 5% ~ 90%

Certifications

- FCC part 15 class B, FCC part 68
- CE
- CUL listed
- CS03

Model Numbers

- CT-5622
- CT-5622-vpn

Warranty

- 2 years parts and labor for hardware

Bonded Rate/Reach Performance - White Noise

