

# ADSL2/2+

4 Ethernet Port | USB Device

## CT-5621T

# Multi-port Router



The CT-5621T ADSL2+ Multi-port Router has four Fast Ethernet ports and a single USB port for wired connectivity. It is designed for either home or business applications that require connectivity to an ADSL broadband network. The TR-068 compliant front and rear panels are a key feature which makes the CT-5621T easy to setup and use. Additionally, TR-069 compliance allows for auto configuration and remote management control via a remote ACS.

## FEATURES

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### Fast Connections

The ADSL2/2+ port carries WAN traffic at speeds of up to 24 Mbps (ADSL2+), while Ethernet and USB ports support LAN traffic at speeds up to 100 Mbps. The TR-068 compliant rear panel and LED indicators simplify setup and improve ease-of-use.

### Secure Connections

As the first level of protection, a Stateful Firewall (with DoS protection) and NAT/PAT help to isolate the LAN from external threats. Second, IP and MAC address filtering provide fine-grained access control to or from the network. Third, advanced security technologies, such as Virtual Private Networks (VPN) with PPTP/L2TP/IPSec pass-through ensure secure networking.

### Remote Management (TR-069 ACS)

TR-069/TR-098/ TR-104/TR-111 standards compatibility ensures interoperability with central office remote management equipment. From the user perspective this reduces downtime and frustration. For the service provider it means improved customer relations and simplified management. Other management options include SNMP, TELNET, SSH and a web user interface with advanced command and control functionality.

### Quality Of Service (QoS)

Classify, control, and prioritize diverse traffic types, assuring pristine video, toll-quality voice, and error-free data transmission.

### Reliability and Quality

For over 20 years, Comtrend has delivered superior quality products to our customers worldwide. Every product goes through rigorous testing and is backed by a 2 year warranty.

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## SPECIFICATIONS

### Hardware

- RJ-11 X1 for ADSL
- RJ-45 X 4 for LAN
- Reset Button X 1
- Power Switch X 1
- USB device X 1

### WAN

- Comply with ITU-T G.992.5, ITU-T G.992.3, ITU-T G.992.1, ANSI T1.413 Issue 2
- G.992.5 (ADSL2+):  
Downstream : 24 Mbps    Upstream : 1.3 Mbps
- G.992.3 (ADSL2)  
Downstream : 12 Mbps    Upstream : 1.3 Mbps
- GDMT  
Downstream : 8Mbps    Upstream : 0.8 Mbps
- AnnexM

### LAN

- IEEE 802.3, IEEE 802.3u
- 10/100 BaseT auto-sense
- Support MDI/MDX

### ATM Attributes

- RFC 2364 (PPPoA), RFC 2684 (RFC 1483) Bridge/Route; RFC 2516 (PPPoE); RFC 1577 (IPoA), Annex M
- Support 16 PVCs
- AAL5
- UBR/CBR/VBR
- UNI 3.1/4.0
- OAM F4/F5

### Management

- TR-069/TR-098/TR-104/TR-111, SNMP, Telnet, Web-based management, Configuration backup and restoration
- Software upgrade via HTTP, TFTP server, or FTP server

### Security Functions

- PAP, CHAP,
- Packet and MAC address filtering,
- Access control and SSH
- Four level login including local admin, local user and remote technical support access and apuser for WiFi access

### NAT/NAPT

- Support Port Triggering and Port forwarding
- Symmetric port-overloading NAT, Full-Cone NAT
- Dynamic NAPT (NAPT N-to-1)
- Support DMZ host
- Virtual Server
- VPN Passthrough (PPTP, L2TP, IPSec)

### Networking Protocols

- RFC2684 VC-MUX, LLC/SNAP encapsulations for bridged or routed packet
- RFC2364 PPP over AAL5
- IPoA, PPPoA, PPPoE, Multiple PPPoE sessions on single PVC, PPPoE pass-through,
- PPPoE filtering of on-PPPoE packets between WAN and LAN
- Transparent bridging between all LAN and WAN interfaces
- 802.1p/802.1q VLAN support
- Spanning Tree Algorithm
- IGMP Proxy v1/v2/v3, IGMP Snooping v1/v2/v3, Fast leave
- Static route, RIP v1/v2,
- DHCP Server/Client/Relay,
- DNS Relay, Dynamic DNS,
- ARP, RARP, SNTP

### QoS

- Packet level QoS classification rules,
- Priority queuing using ATM TX queues,
- IP TOS/Precedence,
- 802.1p marking,
- DiffServ DSCP marking
- Src/dest MAC addresses classification.

### Firewall/Filtering

- Stateful Inspection Firewall
- Stateless Packet Filter
- Day-time Parental Control
- Denial of Service (DOS): ARP attacks, Ping attacks, Ping of Death, LAND, SYNC, Smurf, Unreachable, Teardrop
- TCP/IP/Port/interface filtering rules Support both incoming and outgoing filtering

### Application Layer Gateway (ALG)

- SIP, H.323, Yahoo messenger, ICQ, RealPlayer, Net2Phone, NetMeeting, MSN, X-box, Microsoft DirectX games and etc

### Power Supply

- INPUT:100~240 V    OUTPUT:16.5VAC/0.85A

### Environment Condition

- Operating temperature: 0 ~ 50 degrees Celsius
- Relative humidity: 5 ~ 95% (non-condensing)

### Kit Weight

- 1\*CT-5621T, 1\*RJ11 cable, 1\*RJ45 cable, 1\*USB cable, 1\*power adapter, 1\*CD-ROM = 1.2 kg

Note: Specifications are subject to change without notice



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