ADSL2/2+
CT-5072T
Single Ethernet Port

The CT-5072T is a high performance single port Ethernet ADSL2+ Router with full routing capabilities to segment and route IP protocol. It features TR-069/098/111 and TR-068 compliance for hassle-free setup and configuration. It is perfectly suited to residential or small office environments that share a single Internet connection.

FEATURES

Overview

The ADSL2/2+ port carries WAN traffic at speeds of up to 24 Mbps (ADSL2+), while the LAN port supports LAN traffic at speeds up to 100 Mbps. The TR-068 compliant rear panel and LED indicators also simplify installation 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 pass-through, L2TP pass-through and IPSec pass-through ensure secure networking.

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.

Remote Auto-Configuration (TR-069)

TR-069/TR-098/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.

Flexible Management

Besides TR-069, other tools are also supported, including SNMP, SSH, TELNET, and a web browser based graphical user interface. These tools provide configuration and control functions including firmware upgrades (via FTP/TFTP) and configuration backup & restoration. The web based user interface features auto-PVC configuration, a diagnostic dashboard and other advanced management functionality.

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SPECIFICATIONS

Hardware
· RJ-11 X1 for ADSL2+
· RJ-45 X 1 for LAN
· Reset Button X 1
· Power switch 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
· G.DMT
  Downstream : 8Mbps   Upstream : 832kbps
· 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)
· Support 8 PVCs
· AAL5
· UBR/CBR/VBR
· UNI 3.1/4.0
· OAM F4/F5

Management
· SNMP, Telnet, Web-based management, Configuration backup and restoration
· Software upgrade via HTTP / TFTP / FTP server
· Supports TR-069/TR-098/TR-111 for Remote Management

NAT/NAPT
· Support Port Triggering and Port forwarding
· Symmetric port-overloading NAT, Full-Cone NAT
· 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
· 802.1q 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

Security Functions
· PAP/CHAP Authentication
· TCP/IP/Port filtering rules, Packet and MAC address filte
· SSH, Access Control, DoS
· Three level login including local admin, local user and remote technical support access

QoS
· L3 policy-based QoS, IP QoS, ToS

Application Passthrough
· PPTP, L2TP, IPSec, VoIP, Yahoo messenger, ICQ, RealPlayer, NetMeeting, MSN, X-box, etc

Power Supply
· Input: 100 Vac -220 Vac
· Output: 18 Vdc / 300 mA

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

Dimensions
· 92mm(W) X 34mm(H) X 114mm(D)

Kit Weight
1* CT-5072T, 1*RJ11 cable, 1*RJ45 cable, 1*power adapter, 1*CD-ROM = 0.65 kg

Note: Specifications are subject to change without notice

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