ADSL2/2+

Dual ADSL2+ Bonded | 4 Ethernet Port | USB Host

NexusLink 5630u

Bonded Router

The NexusLink 5630u ADSL2+ Bonded Router is a solution for triple play applications. It features dual ADSL2+ bonded ports that provide twice the bandwidth (48Mbps) over comparable single-port models. It is also equipped with four Fast Ethernet ports, and USB host port. It goes above and beyond with high level features such as QoS, VPN and remote management (with TR-069 support).

FEATURES

Bonded ADSL2+

Dual ADSL2/2+ bonded ports carry WAN traffic at speeds of up to 48 Mbps, while its Ethernet and USB ports support LAN traffic at 100 Mbps speeds. The TR-068 compliant rear panel and LED indicators also simplify installation and improve ease-of-use. Additionally, the USB host port connects to printers.

Safe & Secure Connections

First, both a Stateful Firewall (with DoS protection) and NAT/PAT protect the LAN from external threats. Second, IP and MAC address filtering provide fine-grained access control to or from the network. Third, Virtual Private Networks (VPN) with pass-through IPSec.

Quality Of Service

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

Remote Management (TR-069 ACS)

TR-069/TR-098/TR-111 standards compatibility ensures interoperabilty 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 cost savings. Other management options include telnet, ssh and a web user interface with advanced functionality.

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-14 X1 for ADSL2+ bonded
- RJ-45 X 4 for LAN
- Reset Button X 1,
- Power switch X 1
- USB host

WAN
- Comply with ITU-T G.992.5, ITU-T G.992.3, ITU-T G.992.1, ANSI T1.413 Issue 2 AnnexM
- G.998.1 (ADSL2+ Bonded):
  Downstream : 48 Mbps   Upstream : 2.6 Mbps
- G.992.5 (ADSL2+ non-Bonded):
  Downstream : 24 Mbps   Upstream : 1.3 Mbps
- G.992.3 (ADSL2 non-Bonded)
  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 up to 16 PVCs
- AAL5
- UBR/CBR/VBR-rt//VBR-nrt
- 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

Power Supply
- 120 Vac, 16.5Vdc/850mA

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

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

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)

Application Layer Gateway (ALG)
- SIP, H.323, Yahoo messenger, ICQ, RealPlayer, Net2Phone, NetMeeting, MSN, X-box, Microsoft DirectX games and etc

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

Dimensions
205mm(W) X 48mm(H) X 145mm(D)

Kit Weight
1*CT-5630u, 1*RJ14 cable, 1*RJ45 cable, 1*USB cable, 1*power adapter, 1*CD-ROM = 1 kg

Note: Specifications are subject to change without notice

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