

# xDSL Bonding Gateway

Multi-DSL Bonding | GE LAN | TR-069

## NexusLink 3130



**NexusLink 3130** is a Multi-DSL Bonding Gateway that not only provides both ADSL and VDSL but also supports xDSL bonding for extending WAN access bandwidth. Additionally, it supports VDSL 35b profile on single line providing even higher speeds on existing VDSL2 networks.

The device complies with TR-069/TR-098/ and TR-111 standards to ensure interoperability with standards-based software and hardware. NexusLink 3130 is designed for high-speed applications and is suitable for triple play services. Installation is straightforward and the device provides all the functions necessary to create a secure and high-speed Internet connection.

### KEY FEATURES

- VDSL Bonding:** A technology that combines 2 standard VDSL2 lines into a single virtual connection that allows ISPs to double the bitrate/speed of their existing customers' connection.
- Future-Proof with A/VDSL:** Offers VDSL2 with ADSL2+ fallback for flexible future transitional deployments.
- Provides Optimized Performance:** Supports the latest G.vector & G.inp technologies to work together to mitigate crosstalk and impulse noise resulting in greater throughput.
- Supervectoring:** Part of next-generation broadband technologies - with more frequency ranges than ever before, you can achieve even greater bandwidth (up to 300 Mbit/s download, up to 50 Mbit/s upload).
- Remote Management for Reduced Truck Rolls:** Supports TR-069 to easily setup, manage, troubleshoot and control the CPE remotely.

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## SPECIFICATIONS

<b>Hardware</b>	<ul style="list-style-type: none"><li>▪ 1x RJ-14 for 35b VDSL single line</li><li>▪ 17a VDSL2 bonding</li><li>▪ ADSL2+ (Annex A) bonding</li><li>▪ 1x Gigabit Ethernet LAN</li><li>▪ 1x Reset button</li><li>▪ 1x Power switch</li></ul>
<b>ADSL</b>	<ul style="list-style-type: none"><li>▪ G.994</li><li>▪ G.992.1 (G.dmt) Annex A</li><li>▪ G.992.2 (G.lite) Annex A</li><li>▪ ANSI T1.413</li><li>▪ G.992.3 (ADSL2) Annex A</li><li>▪ G.992.5 (ADSL2+) Annex A</li></ul>
<b>VDSL</b>	<ul style="list-style-type: none"><li>▪ G.993.2(VDSL2) 35b, 30a, 17a, 12a, 12b, 8a, 8b, 8c, 8d</li><li>▪ G.993.5 (G.vector)</li><li>▪ G.998.4 (G.INP)</li><li>▪ SRA (Seamless Rate Adaptation)</li><li>▪ UPBO (Upstream Power Back-off)</li></ul>
<b>Ethernet</b>	<ul style="list-style-type: none"><li>▪ IEEE 802.3, IEEE 802.3u IEEE 802.3ab</li><li>▪ 10/100 /1000 BASE-T, auto-sense</li><li>▪ Supports MDI/MDX</li></ul>
<b>Networking Protocols</b>	<ul style="list-style-type: none"><li>▪ RFC 2364 (PPPoA), RFC 2684 (RFC 1483) Bridge/Router, RFC 2516 (PPPoE); RFC 1577 (IPoA)</li><li>▪ PPPoE Pass-Through, Multiple PPPoE Sessions on Single WAN Interface</li><li>▪ PPPoE Filtering of Non-PPPoE Packets Between WAN and LAN</li><li>▪ Transparent Bridging Between all LAN and WAN Interfaces</li><li>▪ 802.1p/802.1q VLAN, DSCP</li><li>▪ IGMP Proxy V1/V2/V3, IGMP Snooping V1/V2/V3, Fast leave</li><li>▪ Static route, RIP v1/v2, ARP, RARP, SNTP</li><li>▪ DHCP Server/Client/Relay, DNS Proxy/ Relay, Dynamic DNS, UPnP, DLNA</li><li>▪ IPv6 Dual Stack, IPv6 Rapid Deployment (6RD)</li></ul>
<b>Management</b>	<ul style="list-style-type: none"><li>▪ TR-069/TR-098/TR-104/TR-111/TR-181, SNMP, Telnet, Web-Based Management, Configuration Backup and Restoration</li><li>▪ Software Upgrade via HTTP, TFTP Server, or FTP Server</li></ul>
<b>Firewall/Filtering</b>	<ul style="list-style-type: none"><li>▪ Stateful Packet Inspection Firewall</li><li>▪ Stateless Packet Filter</li><li>▪ URI/URL Filtering</li><li>▪ Denial of Service (DOS): ARP Attacks, Ping Attacks, Ping of Death, LAND, SYNC, Smurf, Unreachable, Teardrop</li><li>▪ Port Scan Detection and Protection</li><li>▪ TCP/IP/Port/Interface Filtering Rules Support Both Incoming and Outgoing Filtering</li></ul>
<b>NAT/PAT</b>	<ul style="list-style-type: none"><li>▪ Support One to One, Many to One, Many to Many (Overload), Many to Many (No Overload) NAT</li><li>▪ NAT Loopback</li><li>▪ Port Triggering</li><li>▪ Port Forwarding (Virtual Server)</li><li>▪ Symmetric port-overloading NAT, Full-Cone NAT</li><li>▪ DMZ host</li><li>▪ VPN Pass Through (PPTP, L2TP, IPSec)</li></ul>

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## SPECIFICATIONS

<b>Power Supply</b>	▪ External power adapter: 12VDC/ 1.5A
<b>Dimensions</b>	▪ 171 x 122 x 38mm (WxDxH)
<b>Weight</b>	▪ 0.6 kg

## PACKAGE CONTENTS

xDSL Bonding Gateway (NL-3130)

Power adapter 12VDC/1.5A, 110-220VAC, 50/60Hz

## ENVIRONMENT

<b>Operating Temperature</b>	0°C ~40°C (32°F ~104°F)
<b>Operating Humidity</b>	10%~90% non-condensing
<b>Storage Temperature</b>	-25°C ~65°C (-13°F ~149°F)
<b>Storage Humidity</b>	5%~90% non-condensing

# COMTREND

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Maximum performance, actual data rates, and coverage will vary depending on network conditions and environmental factors. Product specifications and design are subject to change without notice.