

High Performance

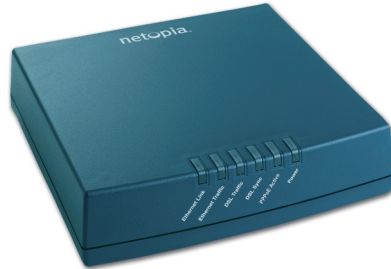
Performance-optimized hardware design coupled with Netopia's legendary embedded software provides the ultimate broadband service platform

Secure

Robust security features protect PCs and other networked devices from hackers or other unwanted intrusions.

Feature Rich

Advanced features are designed to help service providers monetize broadband networks while improving efficiency and reducing costs.



Netopia® 3300 Series High-Performance DSL Gateways

ADSL and ADSL2/2+ Gateways For Residential and Business Customers

The performance-optimized 3300 Series gateways for residential and business customers incorporates world-class hardware design and Netopia's field proven, feature-rich embedded software. A selection of models designed for customers from single home users to small networked offices share a common software platform for simplified deployment and management.

Available with either ADSL or ADSL2/2+ connections, and USB, Ethernet, and 802.11g Wi-Fi LAN interfaces, all models feature integrated ADSL or ADSL2/2+ modems, and the 4-port models have managed switches. All include Netopia's hallmark routing and security.

3300 Series gateways can be configured to automatically "phone home" to the service provider upon first connection to the network for automated service provisioning. This also streamlines inventory management through use of a common hardware platform that can be customized upon activation.

The Wi-Fi equipped models feature Netopia's powerful 3-D Reach® Extreme Wi-Fi technology for superior wireless range, performance, and coverage, with improved network robustness. Support for Wi-Fi Multimedia (WMM) assures advanced QoS for wireless delivery of VoIP or video.

High-value VoIP, IPTV, and triple-play service delivery is assured through the following benefits:

- Broadcast-quality video and crystal-clear voice are delivered using Netopia's VGx QoS technology paired with advanced multi-level queuing and packet prioritization mechanisms.
- Services from different providers can be delivered concurrently to multiple TVs or devices, while maintaining service quality and rapid channel changing through support for TR-101 and IGMPv3.
- Video-on-demand features like fast forward, pause, and rewind are enabled via RTSP support.

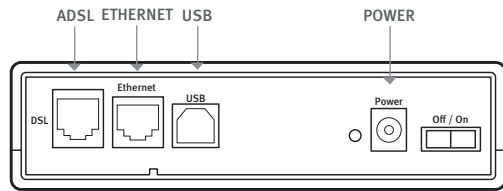
3300 Series gateways support the DSL Forum's TR-069 specification for comprehensive remote manageability, including centralized remote provisioning, troubleshooting, and management.

The 3300 Series offers the ultimate in performance and features, allowing providers to monetize broadband networks with lower costs of deployment, improved accuracy, and reduced customer churn.

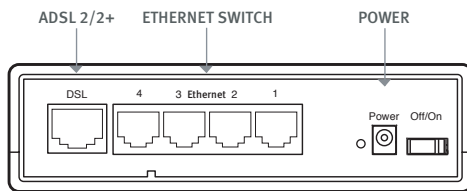
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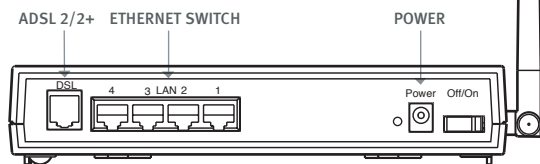
Technical Specifications



3341/3341-B



3346N-VGx



3347NWG-VGx/3347-02

PART NUMBERS	WAN			LAN	
	ADSL	ADSL2+	USB	802.11g	10/100 ETHERNET
3341/3341-B	✓		✓		single
3346N-VGx	✓	✓			4-pt Managed Switch
3347NWG-VGx	✓	✓		✓	4-pt Managed Switch
3347-02	✓	✓		✓	4-pt Managed Switch

Hardware Features

- WAN Interface
 - 3341/3341-B:
 - ADSL, RJ-11
 - 3346N, 3347NWG, 3347-02
 - ADSL2+, RJ-11
- LAN Interface
 - 3341/3341-B:
 - 1 port 10/100 Ethernet, RJ-45
 - Single USB Port
 - 3346N-VGx:
 - 4 port 10/100 Ethernet Switch, RJ-45
 - 3347NWG-VGx/3347-02:
 - Built-in 802.11g Wireless
 - 4 port 10/100 Ethernet Switch, RJ-45
- LEDs: Power, Link, Status and Activity Indicators

Encoding and Line Speed

- ANSI T1.413 Issue 2
- ITU 992.1 (G.dmt) Annex A, B, 992.2 (G.lite), 992.3 ADSL2 (G.dmt.bis), 992.4 ADSL2 (G.lite.bis) 992.5 ADSL2+

Protocol Support

- ATM Adaptation Layer 5 (AAL5)
- Up to 8 Permanent Virtual Circuits (PVCs)
- Bridged or Routed Ethernet Encapsulation
- IP Multicast Pass-thru
- PPP over Ethernet Gateway/Pass-through
- PPP over ATM: LLC & VC Multiplexing

Bridging/Routing Functions

- Network Address Translation (NAT), IP Maps, and Pinholes
- Static Routes
- IP Multicast Outbound Support Through NAT
- DHCP Client, Server and Relay
- DNS Proxy
- RIP1 and RIP2 on LAN/WAN
- Transparent Bridged Ethernet over ATM
- TR-101 Support

Security

- Network Address Port Translation (NAPT)
- Stateful Firewall
- Configurable Firewall Function
- Virtual DMZ/IP Pass-through
- Denial of Service Protection
- Software and Games Control
- VPN Pass-through for PPTP, L2TP, and IPSec
- IPSec VPN Gateway (upgrade)
 - DES, 3DES, and IKE
 - Hash Algorithm Support: MD5 and SHA1

Wireless

- Wireless (3347NWG-VGx and 3347-02)
 - Integrated omni-directional antennas with diversity support
 - 3-D Reach Extreme Wi-Fi:
 - 100mW Transmit Power (EMEA)
 - 400mW Transmit Power (North America)
 - WMM (Wi-Fi Multimedia) Support
 - Channel Set
 - North America: 1-11
 - Europe: 1-13
 - Supported Data Rates: 1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48, and 54 Mbps with auto-rate fallback
- Wireless Security
 - WEP 64-, 128-, 256-bit encryption
 - 802.1x, WPA, WPA-PSK, 802.11i/WPA2
 - Block Wireless Bridging
 - MAC Address Filtering
 - Transmit Power Control

QoS and Traffic Management

- VGx Virtual Gateway Technology
- Diffserv - Differentiated Services
- IEEE 802.1p - Priority Bits
- IEEE 802.1q - VLAN Tagging
- IGMP v2/v3 Snooping/Forwarding with Fast Leave
- TR-111 Support

Device Management

- TR-069 Remote Management
- Remote and Local Management Options via Web UI (HTTP) and CLI (Telnet)
- 2 Level Password Protected Access
- Statistic and Log Reporting, Remote Syslog Support
- 7-Layer Diagnostics
- SNMP v1 & v2
- Utilities: Ping, Traceroute, Reverse DNS

Regulatory

- FCC Part 68, Part 15, Class B
- UL Listed, CSA Approval
- European EMC & Immunity
- CE Mark
- Industry Canada

Environmental

- Operating Temperature: 0 to +40C
- Storage Temperature: 0 to +70C
- Relative Humidity: 20-80% (Non Condensing)

Continued on page 3



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Continued from page 2

Weight and Dimensions

Wired:

- Weight: 2 lbs (907g) (unit carton)
- Dimensions: 1.4"(3.5cm) H, 5.4"(13.7cm) L, 5.3"(13.5cm) W

Wireless:

- Weight: 2.5 lbs (1,134g)(unit carton)
- Dimensions: 1.5"(3.9cm)H, 7.7"(19.6cm) L, 6.7"(17.1cm) W

