



Netopia 2247NWG

Advanced

Combines ADSL 2+ and 802.11g in a gateway solution designed for carrier-class deployments.

Cost-effective

Highly integrated design meets the cost requirements of the world's largest carriers.

Services Ready

Flexible software architecture enables easy deployment of revenue enhancing residential broadband services.

Netopia® 2247NWG ADSL 2+ Wi-Fi Gateway

Wi-Fi Gateway for Next Generation Services



Next-generation broadband gateway combining ADSL 2+ and 802.11g Wi-Fi wireless networking

The Netopia 2247NWG is a next-generation ADSL 2+ home networking solution, designed for mass-deployment by carriers and service providers to broadband households. The Netopia 2247NWG integrates a high-performance ADSL 2+ modem, 4-port 10/100 Ethernet switch, and 802.11g Wi-Fi networking into a single, low cost device. The high performance modem unleashes new opportunities for higher bandwidth services and video applications, while meeting the cable modem threat with the best in new ADSL technology. As a fully integrated gateway with best-in-class wireless range, the Netopia 2247NWG meets the wired and Wi-Fi networking needs of today's entertainment-centric broadband household.

Netopia Broadband Gateways

Only Netopia offers affordable Broadband Gateways for every connection type – from DSL to T1. Perfect for homes, home offices, teleworkers, small businesses and corporate branch offices, Netopia Broadband Gateways bring high speed broadband Internet access to every computer. Built-in security protects data, applications and gateways without the need to purchase separate software or hardware. Advanced features support growth while protecting your investment. Quick setup, comprehensive management and high reliability make Netopia both powerful and easy to use.

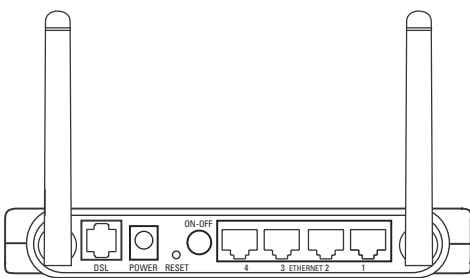
Born of Netopia's extreme focus on customer profitability, the Netopia 2247NWG breaks new ground in the areas of value and affordability for carriers and service providers. The cost-effective Netopia solution is priced for delivery to every single residential subscriber, unlocking new opportunities for churn reduction, competitive differentiation, and revenue generation. The familiar Netopia software features and Web User Interface (Web UI) are in use by millions of residential customers worldwide and are the key to reducing ongoing service and support costs for the service provider.

The Netopia 2247NWG is ready for revenue enhancing triple-play broadband services. With a flexible software architecture and powerful hardware features, the Netopia 2247NWG is ready for today and tomorrow's revenue enhancing services.

Netopia® 2247NWG ADSL 2+ Wi-Fi Gateway

Wi-Fi Gateway for Next Generation Services

Technical Specifications



2247NWG

PART NUMBERS	WAN	LAN	
	ADSL 2+	10/100 ETHERNET	802.11g
2247NWG	✓	4 port SW	✓

Hardware Features

- WAN Interface
 - ADSL 2+ (Annex A), RJ-11
- LAN Interface
 - Built-in Wi-Fi Compliant 802.11g Wireless
 - 4 port 10/100 Ethernet Switch, RJ-45

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 ADSL 2+

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
- IP Control Protocol

Routing Function

- Network Address Translation (NAT), IP Maps, and Pinholes
- Static Routes
- IP Multicast Outbound Support Through NAT
- DHCP Client, Server and Relay
- DNS Proxy
- RIP1 & RIP2
- DDNS

Bridging

- Transparent Bridged Ethernet over ATM

Security

- Network Address Port Translation (NAPT)
- Stateful Firewall
- Configurable Firewall Function
- Denial of Service Protection
- VPN Pass-through for PPTP, L2TP, and IPSec

Wireless

- Omni-directional antennas with diversity support
- North America Channel Set (1-11)
- Supported Data Rates: 1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48, and 54 Mbps with auto-rate fallback
- 64/128 WEP Encryption
- WPA

Management

- Web UI Management
- Software Upgradeable
- System Diagnostics and Logs
- SNMP v1 & v2
- Remote Management Options
- Utilities: Ping, Traceroute, Reverse DNS
- Bi-colored LEDs: Power, Link, Status and Activity Indicators

Regulatory

- FCC Part 68, Part 15, Class B
- UL Listed, CSA Approval
- European EMC & Immunity
- CE Mark
- DSL Forum TR-67 Compliant
- Industry Canada

Environmental

- Operating: 0 to 55C ambient
- Storage: 0 to 70C ambient
- Humidity: 5 to 90% and must be non-condensing
- ESD: EN61000-4-2, which specifies 4kV contact and 8kV air discharge

Weight and Dimension

- Weight: 1.2 lbs (550g)
- Dimensions: 1.2" (3.0cm) H, 8.7" (22.0 cm) W, 5.2" (13.2cm) L