



## 3300 Business Series

### Business-class

Delivers routing, security, and VPN features designed for distributed enterprise applications.

### Improved Profitability

Cost effective design increases service provider profitability for mass-deployment scenarios.

### Remotely Manageable

Turns any cable modem or ADSL connection into a manageable end-point for managed service providers and distributed enterprises.

### Mission Critical

Dial Backup for mission critical deployment; automates recovery (3366C).

## Netopia® 3300 Business Series

ADSL, ADSL2+, and Broadband Routers for Enterprise Applications



### Netopia Broadband Routers and Gateways

Netopia offers the broadest portfolio of broadband routers and gateways for every connection type — from DSL to T1. Perfect for residences, teleworkers, and small and distributed businesses, Netopia broadband routers and gateways can deliver high-speed Internet access to a single computer or a full complement of voice, video, and data services to networked computers, VoIP phone systems, and IPTV devices. Built-in security protects data, applications, and gateways without the need to purchase separate software or hardware. Ease of use, comprehensive management, and high reliability improve customer satisfaction while reducing operational and support cost.

### Full-featured routers combining Netopia's business-class functionality with unrivaled value and deployability

The Netopia 3300-ENT Series is a family of business-class routers designed for mass deployment in distributed enterprise applications. The Netopia 3300-ENT Series allows business ISPs, managed service providers, and enterprises to deliver business-class functionality in a compact device ideal for retail, small branch office, and home office environments.

The 3300-ENT Series supports the main access technologies for today's small office environment. Broadband models with Ethernet WAN interfaces turn any cable modem or DSL connection into a secure and remotely manageable end-point, while ADSL and ADSL2+ models combine the modem and router into an all-in-one solution. The ADSL models interoperate with all the major DSLAM platforms, enabling broad geographic deployment. Wireless LAN models feature Netopia's 3-D Reach® technology and a choice of 802.11b or 802.11g wireless standards, delivering superior wireless range and indoor coverage.

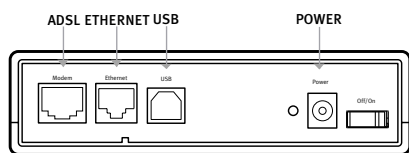
Service providers targeting the growing distributed enterprise market will appreciate the built-in firewall and VPN features, robust wireless security features, self-install capabilities, and rich set of remote management options, including menu-driven, SNMP, and CLI interfaces. From installation to ongoing support, the 3300-ENT Series keeps remote offices and teleworkers secure, while allowing remote access for management and troubleshooting purposes.

For service providers seeking top line growth, and bottom line savings, the Netopia 3300-ENT Series is the right router for mass-deployment to enterprise environments.

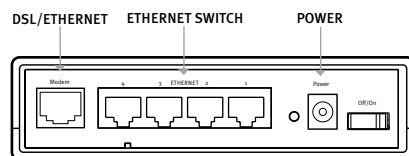
# Netopia® 3300 Business Series

ADSL, ADSL 2+, and Broadband Routers for Enterprise Applications

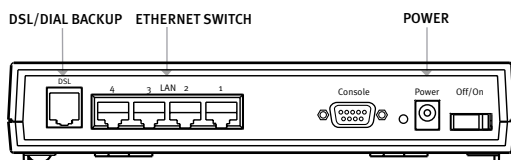
## Technical Specifications



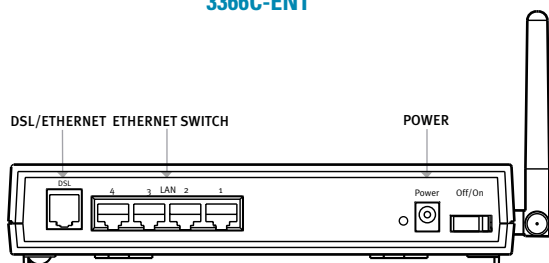
3341-ENT



3346-ENT/3346N-ENT/3386-ENT



3366C-ENT



3347NWG-ENT/3387W-ENT/3387WG-ENT

## 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

## 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 and RIP2 on LAN/WAN

## Bridging

- Transparent Bridged Ethernet over ATM

## Security

- Network Address Port Translation (NAPT)
- Stateful Firewall
- Configurable Firewall Function
- Virtual DMZ/IP Pass-through
- Denial of Service Protection
- VPN Pass-through for PPTP, L2TP, and IPSec
- IPSec VPN Gateway
  - DES, 3DES, and IKE
  - Hash Algorithm Support: MD5 and SHA1
- Security Monitoring and Logging (upgrade)
- PPTP VPN Gateway, Client, or Server Termination
- Up to 15 PPTP or IPSec VPN security associations

## Wireless

Wireless Features:

- Integrated omni-directional antennas with diversity support
- 100mW transmit power
- 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

Wireless Security:

- WEP 64-, 128-, 256-bit encryption
- 802.1x
- WPA-PSK
- Block Wireless Bridging
- MAC Address Filtering
- Closed System Mode

## Management and QoS

- VGx Virtual Gateway Technology (3346N-ENT, 3347NWG-ENT, and 3387WG-ENT)
- 2 Level Password Protected Access
- Remote and Local Management Options through Menu-driven or CLI Interfaces
- Software Upgradeable
- Statistic and Log Reporting, Remote Syslog Support
- 7-Layer Diagnostics
- SNMP v1 & v2
- Utilities: Ping, Traceroute, Reverse DNS
- 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-067 Compliant
- Industry Canada

## Environmental

- Operating: 0 to +40C
- Storage: 0 to 70C (20-80% Non Condensing)
- Power: External, 12V DC, minimum of 450mA, maximum of 1000mA, depending on model

## Weight and Dimensions

Wired:

- Weight: 3 lbs (1361g) (unit carton)
- Dimensions: 1.4" (3.5cm) H, 5.3" (13.5cm) W, 5.4" (13.7cm) L

Wireless:

- Weight: 2.5 lbs (1814g) (unit carton)
- Dimensions: 1.5" (3.9cm) H, 7.7" (19.6cm) W, 6.7" (17.1cm) L

PART NUMBERS	WAN			LAN				DIAL BACKUP
	ADSL	ADSL2+	EN	10/100 ETHERNET	USB 1.1	802.11b	802.11g	
3341-ENT	✓			1 port	✓			
3346-ENT	✓			4 port SW				
3346N-ENT	✓	✓		4 port SW				
3347NWG-ENT	✓	✓		4 port SW		✓	✓	
3386-ENT			✓	4 port SW				
3387W-ENT			✓	4 port SW				
3387WG-ENT			✓	4 port SW		✓	✓	
3366C-ENT	✓			4 port SW				Internal