



3347-62 (North America)

Netopia® ADSL2+ Four-Port Wireless Gateway

Full-featured, extended-range wireless gateway for broadband households and small offices

- Wireless gateway equipped with 3D Reach® Extreme technology for increased range and performance
- Multiple LAN options for single-PC households and home or small-office networking
- Simple installation and set-up
- IPTV and Video-on-Demand (VOD) support
- Robust security features
- Advanced Quality-of-Service (QoS) features are designed to help service providers improve efficiency and reduce costs

The Motorola Netopia 3347-62 (North America) Four-Port Wireless Gateway combines an ADSL2+ modem, four-port Ethernet router, and an enhanced wireless design for home or small-business users to connect anywhere in their home or business environment. The 3347-62 features 3-D Reach® Extreme 802.11g/b Wi-Fi® technology, developed following the same design philosophy used by leading PC manufacturers. 3-D Reach Extreme uses two radio antennas specifically tuned for both vertical and horizontal range. 400 mW of power provides superior wireless reach, coverage, and reduced interference to minimize dropped connections and dead zones.

With this full-featured gateway, high-speed Internet connectivity is only the beginning. Support for Wi-Fi Multimedia (WMM) assures advanced QoS for wireless delivery of voice-over-IP (VOIP), IPTV, and streaming broadcast-quality video. With four 10/100 Ethernet ports, the 3347-62 can be used to set up a home or small-office network to share a printer, data, music, and video files. To prevent unauthorized wireless access into the network, the 3347-62 supports the latest encryption, including WPA2, WPA, and WEP.

The easy-to-install 3347-62 is just as easy to manage. Supporting the DSL Forum's TR-069 specification, the 3347-62 can be managed and updated remotely, without user interaction.

Wi-Fi Protected Setup

The 3300 Series gateways are equipped with Wi-Fi Protected Setup pairing technology. Wi-Fi Protected Setup is a certification program from the Wi-Fi Alliance that is designed to ease the task of setting up and configuring security on wireless local area networks. Introduced by the Wi-Fi Alliance in early 2007, the program provides an industry-wide set of network setup solutions for homes and small office (SOHO) environments. Wi-Fi Protected Setup enables typical users who possess little understanding of traditional Wi-Fi configuration and wireless networks to add new devices and enable security on their gateway.

DATA SHEET

3347-62 (North America)

Netopia ADSL2+ Four-Port Wireless Gateway

Specifications

High-performance VoIP, IPTV, and multi-play service

- Advanced QoS technology and multi-level queuing and packet prioritization deliver broadcast-quality video and crystal-clear voice.
- Support for the DSL Forum's TR-101 and IGMP v3 allows services from different providers to be delivered concurrently to multiple TVs or other devices, while maintaining service quality and rapid channel changing.
- Support for RTSP enables video-on-demand features such as fast forward, pause, and rewind.

WAN

ADSL2/2+ (RJ-11)

LAN

Ethernet	Four switched 10/100 Ethernet ports with half / full-duplex auto-negotiation and auto-MDIX crossover (RJ-45)
Wireless	IEEE 802.11g/b Wi-Fi with Wi-Fi Protected Setup (WPS) button
LAN uplink port	

LEDS

Power, Ethernet, Wireless, DSL, Internet Status, Activity

ADSL PROTOCOLS

ITU 992.x (ADSL, ADSL2/2+)	ITU G.992.3 and G.992.5 Annex L (RE-ADSL2/2+), ITU G.992.3 Amendments 1 and 2 and G.992.5 Amendment 2 (INP up to 16), Annex A, Annex M
DSL Forum	TR-067 and TR-100 ADSL Performance
Other	ANSI T1.413 Issue 2, Dying Gasp, optional inside/outside pair, optional G.993.2 Annex I sealing/wetting current metallic termination

NETWORK PROTOCOLS

ATM Adaptation Layer 5 (AAL5)	Eight permanent virtual circuits (PVCs); UBR, CBR, VBRnrt, VBRrt; ITU-T I.610 (F4, F5) OAM
DSL Forum	TR-101 Migration to Ethernet-Based DSL, IPOE
PPP	PAP, CHAP, IPCP, LCP, RFC 2516 PPP over Ethernet (PPPoE), RFC 2364 PPP over ATM (PPPoA)
DHCP	Client, server, relay with option and filter rules
Bridging/Routing	RFC 1483/2684
Other	IEEE 802.1X Supplicant Broadband Network Authentication; Dynamic DNS
Security	Stateful Packet Inspection (SPI) Firewall; denial of service protection; VPN pass-through for PPTP, L2TP, IPsec SSL/TLS

3-D REACH EXTREME WI-FI

Transmission	High-power radio with 400 mW (26 dBm) transmit power on all channels, integrated omni-directional antenna, optional reverse-SMA for external antenna
Channel Set	North America: 1 – 11
Supported Data Rates	1, 2, 5.5, 6, 9, 11, 12, 18, 22, 24, 36, 48, and 54 Mbps with auto-rate fallback
IEEE 802.11e WMM	Best effort, background, video, voice
Security and Registration	IEEE 802.1X; WEP 64, 128; WPA, WPA-PSK, IEEE 802.11i WPA2; MAC address filtering; WPS, push-button functionality
Other	Multiple SSIDs, Voice-over-Wi-Fi, Wi-Fi-certified (WPA2-Personal and WMM)

QoS AND TRAFFIC MANAGEMENT

VGx Virtual Gateway Technology	
IETF REC 2474 Diffserv — Differentiated services (Best Effort, Assured and Expedited Forwarding, Network Control)	
VLAN Tagging	IEEE 802.1Q implicit or explicit port-based VLANs, IEEE 802.1P VLAN priority
IGMP v2/v3 Snooping/Forwarding with Fast Leave	
TR-111 Support	
Queuing Support (Weighted Fair Queuing [WFQ], Strict Priority Queuing, and Basic Queuing)	
RFC 2236 IGMPv2 and RFC 3376 IGMPv3 Multicast Support; Proxy or Snooping with Fast Leave	

DEVICE MANAGEMENT

Remote Management	DSL Forum TR-069 CPE WAN Management Protocol (SSL Root Certificate Support; Verisign, Thawte, Equifax, 2Wire), DSL Forum TR-104 Provisioning Parameters for VoIP CPE, DSL Forum TR-111 Remote Management of Home Networking Devices, IEEE 802.3ah and 802.1ag Ethernet OAM, web UI (HTTP) and CLI (Telnet)
Local Management	DSL Forum TR-064 XML Configuration, UPnP web UI (HTTP) and CLI (Telnet)
Utilities	Ping, traceroute, reverse DNS
Two-level password-protected access	
Statistic and log reporting, remote syslog	
Seven-layer diagnostics	

DATA SHEET

3347-62 (North America)

Netopia ADSL2+ Four-Port Wireless Gateway

REGULATORY

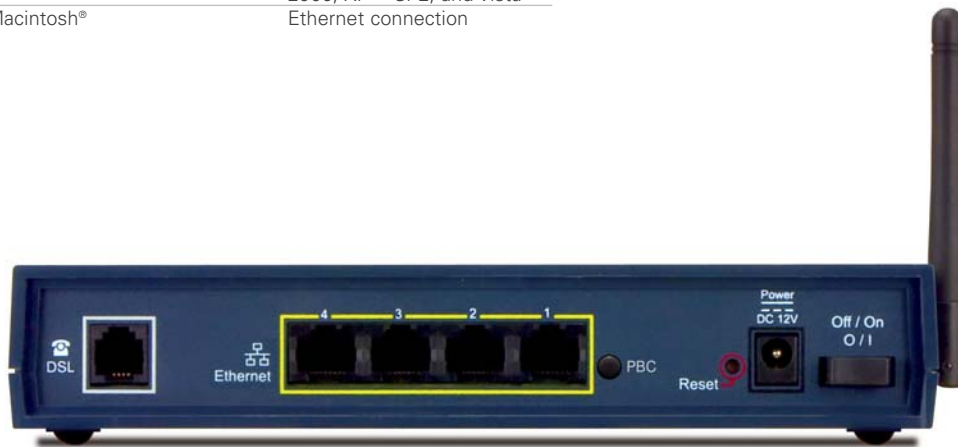
US	FCC Part 68, Part 15 Class B, UL 60950; CEC-compliant power supply
Canada	CS-03, ICES-003, RSS-210, CUL, CSA
Europe	R&TTE, EN 300 328, EN 301 489, ITU K.21; RoHS-compliant

PHYSICAL AND ENVIRONMENTAL

Operating Temperature	32 °F to 104 °F (0 °C to 40 °C)
Storage Temperature	-40 °F to 185 °F (-40 °C to 85 °C)
Relative Humidity	5% to 90% (non-condensing)
Weight	2.5 lb (1.13 kg)
Dimensions	7.7 in L x 6.7 in W x 1.5 in H (196 mm x 71 mm x 39 mm) DSL Forum TR-068-compliant industrial design
Horizontal or vertical placement	Built-in wall-mounting keyholes

COMPATIBILITY

PC	Windows® 98, 98SE, ME®, 2000, XP™ SP2, and Vista™
Macintosh®	Ethernet connection



Motorola, Inc. 101 Tournament Drive, Horsham, Pennsylvania 19044 U.S.A. www.motorola.com

MOTOROLA and the Stylized M Logo are registered in the US Patent & Trademark Office. Netopia is a registered trademark of Netopia, Inc., a wholly-owned subsidiary of Motorola, Inc. Wi-Fi is a registered trademark and Wi-Fi Protected Setup is a trademark of Wi-Fi Alliance. Windows and Windows ME are registered trademarks and Vista and XP are trademarks of Microsoft Corporation in the U.S. and/or other countries. All other product or service names are the property of their respective owners. © Motorola, Inc. 2008. All rights reserved.

555863-001-a 0708 5916-0K