LP-N300
2.4 GHz Wireless N 300 Mbps Broadband High Power Router and/or Access Point (AP).

Features

- Includes router, wireless access point, four-port switch and firewall in one.
- Provides up to 300 Mbps uploading and downloading speed.
- Two WPS (Wi-Fi Protected Setup) encryption methods: PBC and PIN.
- Disable broadcast SSID(suppress SSID); Wireless Isolation.
- Compliant to IEEE802.11n, IEEE802.11g, IEEE802.11b, IEEE802.3 and IEEE802.3u standards.
- Far-distance transmission, 100 meters indoor, 400 meters outdoor (depends on the surrounding environment).
- 64/128-bit WEP encryption, WPA and the latest WPA2 encryption security authentication.
- RTS/CTS protocol and data partitioning function.
- Provides one 10/100Mbps Auto-Negotiation Ethernet WAN ports for WAN connection.
- Provides four 10/100Mbps Auto-Negotiation Ethernet LAN ports for LAN connections.
- xDSL/Cable MODEM, static and dynamic IP in community networking.
- Remote/local Web management.
- WMM to better smooth your voice and video.
- SSID stealth mode and access control based over MAC address (up to 10 entries).
- Auto MDI/MDIX.
- Wireless Roaming technology and ensures high-efficient wireless connections.
- Auto negotiation/manual mode for 802.11b/802.11g/802.11n.
- UPnP and DDNS.
- Firefox 1.0, IE5.5 or above and others.
- SNTP.
- Virtual server, DMZ host.
- Built-in firewall for hacker's attack prevention.
- DHCP server/client.
- Auto and manual wireless channel selection.
- The control over LAN access to Internet.
- Provides syslog to record the status of the router.
- WDS wireless network extension with push button. (Only with LP-N300 equipment).
- Bandwidth control QoS function.
- 7 dBi high-gain Omni Directional antenna for increased wireless coverage.
- Quick Installation Guide.

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The LP-N300 is a versatile product that includes a wireless Access point (AP), a router, a four port switch and a Firewall, all in one, that is 802.11n compliant and delivers up to 6x faster wireless speeds than 802.11g while staying backward compatible with 802.11g devices. Powered by MIMO technology and equipped with two external 7dBi antennas, this router provides superior wireless coverage for larger homes and offices. Connect the LP-N300 to a cable or DSL modem and provide high speed Internet access to multiple computers, game consoles, and media players. With intelligent QoS, it prioritizes both wired and wireless Internet traffic to bandwidth-sensitive applications like online gaming, VoIP or stream multimedia. Also it supports for WPA/WPA2 security standards to ensure that you will be able to use the best possible encryption regardless of your other wireless devices.

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Advanced Wireless Security
LP-N300 offers multi-level wireless encryption options to prevent unauthorized access and protect your important data, including 64/128-bit WEP, WPA-PSK, and WPA2-PSK. Additionally, it blocks access to the network using MAC-based filter over wireless.

Easy Security Setup at a Push of the WPS Button
LP-N300 features WPS that allows users to almost instantly setup a stable and secure connection simply at a push of the "WPS" button. Not only is this faster than normal security setups but more convenient in that you don't need to remember a password.

Easy to Setup
With the LanPro Easy Setup Utility, you can set up your wireless network in minutes. The simple UI will guide you through a simple process to configure your Internet Service Provider (ISP) settings to quickly establish broadband Internet connectivity.

Extend Wireless Coverage Effectively
For enjoying optimized HD video streaming with whole-home wireless coverage, the LP-N300 with high power design and WDS feature can greatly extend effective wireless coverage by transmitting wireless signals directly to WiFi-enabled devices without dead spots.

Client Router Mode – WISP Client
LP-N300 is designed to be set in Client Router mode to support a WISP connection. When it works as a WISP client device to access the Internet, local computers can connect to LP-N300 via wireless or cables.

A   **Typical applications**
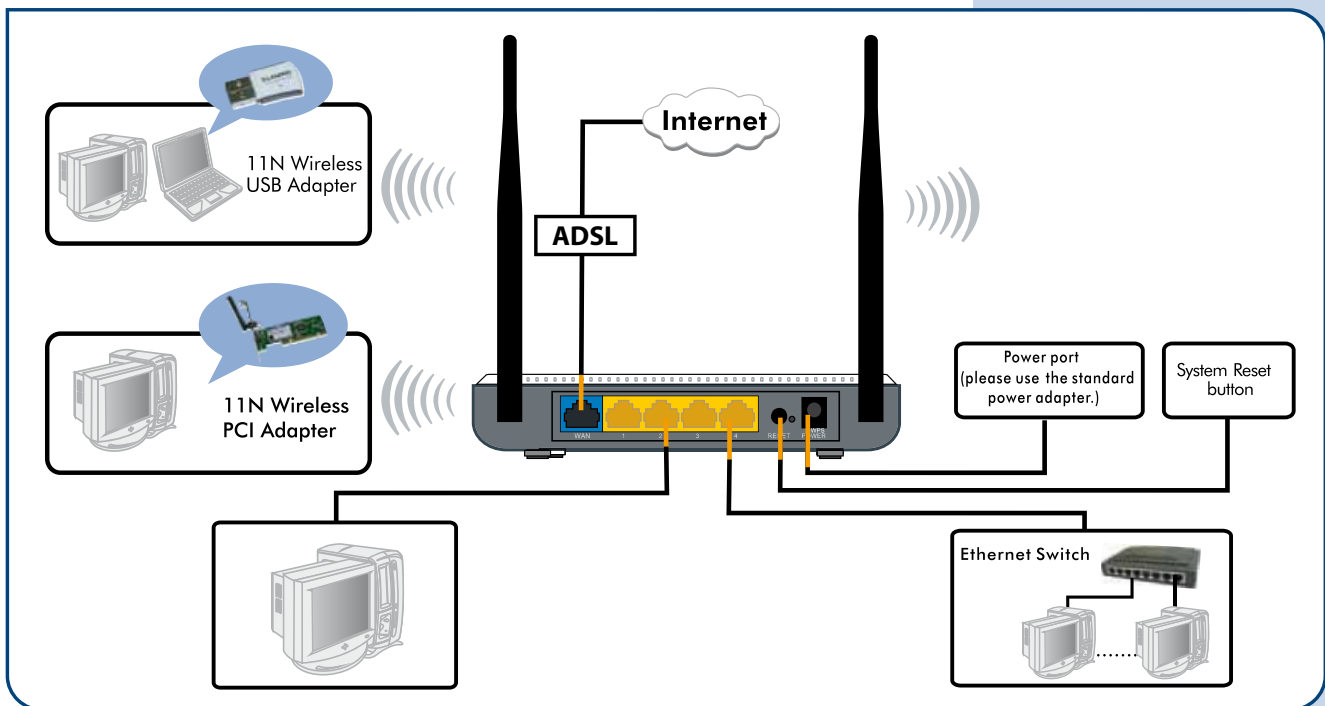
B Specifications

HARDWARE

Standards	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b; IEEE 802.3, IEEE 802.3u.
Interface	1 x 10/100M WAN Port (Auto MDI/MDIX) 4 x 10/100M LAN Ports (Auto MDI/MDIX)
Antenna	2 x 7dBi omni-directional antennas
Pushbutton	1 x Reset/WPS
Power	Input:100-240V~50/60Hz 0.3A Output: DC 9V=1A
Temperature	Operating Temperature: 0°C ~ 40°C; Storage Temperature: -40°C ~ 70°C.
Humidity	Operating Humidity:10% ~ 90% RH non condensing. Storage Humidity: 5% ~ 90%RH non-condensing.
Dimensions (L*W*H)mm	168.53mm*108.57mm*26.81mm
LED	Power, SYS, WLAN, WPS, WAN, LAN(1-4)
Transmission Media	Twisted Pair, WiFi

WIRELESS FEATURES

Wireless Speed	Up to 300 Mbps
Frequency	2.4 GHz
Basic Features	Wireless: Enable/Disable; SSID Broadcast: Enable/Disable; Channel: 1-11
Wireless Security	Wireless Security: Enable/Disable; 64-/128- bit WEP, WPA-PSK, WPA2-PSK; WPS Wireless Access Control (Wireless MAC filter).

SOFTWARE FEATURES

Internet Connection Type	PPPoE; Dynamic IP; Static IP; PPTP; L2TP.
Mode	WDS Bridge
DHCP Server	DHCP Server; DHCP Client List; DHCP Reservation.
Virtual Server	Port Forwarding DMZ Host
Security	Client/URL/MAC Filter; Remote Web Management
DDNS	NoIP, Dyndns
VPN Pass-through	PPTP, L2TP
Bandwidth Control	Yes
Static Routing	Yes
Syslog	Yes
VLAN	No
Other features	MAC Clone Backup & Restore settings Firmware Upgradeable via web browser.

OTHERS

Package Contents	LP-N300 2 x 7dBi antennas Power Adapter; Quick Installation Guide Resource CD
Factory Default Settings	IP Address: 192.168.0.1
Related Products	LP-N300P, LP-N300U
3 Install Steps	Step 1. Connect device to your PC Step 2. Launch a web browser and input 192.168.0.1 Step 3. Setup Internet connection
Certificates	FCC, CE

C How to order

LP-N300 Wireless N, 300 Mbps Broad Bandwidth Power Router and AP.