300Mbps Wireless AP/Client Router

TL-WR843ND

⊙ Features：

- 300Mbps wireless speed ideal for latency sensitive applications like HD video streaming

- Wireless ISP function provides the wireless Internet access in areas without wired ISP infrastructure

- Passive Power over Ethernet provides flexible installation options in hard-to-wire locations

- Wireless Distributed System (WDS) provides seamless bridging to expand the wireless network

- Easily set up an encrypted wireless connection at the press of the WPS button

- Live parental control allows administrators to establish restricted access for children or staff

- Bandwidth Control (IP QoS) assures download speeds and quality of multimedia streaming

⊙ Description：

TP-LINK's TL-WR843ND Wireless AP/Client Router is specially designed for Wireless ISP users, enabling wireless access to the Internet in areas with no wired ISP infrastructure (such as cable or xDSL). With up to 300Mbps wireless speed, it is ideal for interruption sensitive applications like HD video streaming. TL-WR843ND can also serve as a normal wireless router, just like TL-WR841ND does. What's more, it supports Passive Power over Ethernet, convenient for deployment in areas without power outlets, such as a backyard or an attic.

◉ Specifications：

HARDWARE FEATURES	
Interface	4 10/100Mbps LAN Ports 1 10/100Mbps WAN Port
Button	WPS/Reset Button Operation Mode Switch Power On/Off Button
External Power Supply	9VDC / 0.85A
Wireless Standards	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
Antenna	2*5dBi Detachable Omni Directional Antenna (RP-SMA)
Dimensions (W x D x H)	7.6 x 5.1 x 1.3 in.(192 x 130 x 33 mm)
WIRELESS FEATURES	
Frequency	2.4-2.4835GHz
Signal Rate	11n: Up to 300Mbps(dynamic) 11g: Up to 54Mbps(dynamic) 11b: Up to 11Mbps(dynamic)
EIRP	<20dBm(EIRP)
Reception Sensitivity	270M: -68dBm@10% PER 130M: -68dBm@10% PER 108M: -68dBm@10% PER 54M: -68dBm@10% PER 11M: -85dBm@8% PER 6M: -88dBm@10% PER 1M: -90dBm@8% PER
Wireless Modes	Client Router / Router
Wireless Functions	Enable/Disable Wireless Radio, WDS Bridge, WMM, Wireless Statistics
Wireless Security	64/128/152-bit WEP, WPA / WPA2, WPA-PSK / WPA2-PSK
SOFTWARE FEATURES	
WAN Type	Dynamic IP/Static IP/PPPoE/PPTP(Dual Access)/L2TP(DualAccess)/BigPond
DHCP	Server, Client, DHCP Client List, Address Reservation
Quality of Service	WMM, Bandwidth Control
Port Forwarding	Virtual Server,Port Triggering, UPnP, DMZ
Dynamic DNS	DynDns, Comexe, NO-IP
VPN Pass-Through	PPTP, L2TP, IPSec (ESP Head)
Access Control	Parental Control, Local Management Control, Host List, Access Schedule, Rule Management
Firewall Security	DoS, SPI Firewall IP Address Filter/MAC Address Filter/Domain Filter IP and MAC Address Binding
Management	Access Control Local Management Remote Management

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OTHERS	
Certification	CE, FCC, RoHS
System Requirements	Microsoft® Windows® 98SE, NT, 2000, XP, Vista™ or Windows 7, MAC® OS, NetWare®, UNIX® or Linux.
Environment	Operating Temperature: 0℃~40℃ (32℉~104℉)
	Storage Temperature: -40℃~70℃ (-40℉~158℉)
	Operating Humidity: 10%~90% non-condensing
	Storage Humidity: 5%~90% non-condensing

◉ Diagram:

Wired

Wireless

Client Router

Internet

TL-WR843ND
300Mbps Wireless AP/Client Router

TL-WN821N
300Mbps Wireless N USB Adapter

TL-WN851ND
300Mbps Wireless N PCI Adapter

Router

Internet

TD-8616
ADSL2+ Modem

TL-WR843ND
300Mbps Wireless AP/Client Router

TL-WN851ND
300Mbps Wireless N PCI Adapter

TL-WN821N
300Mbps Wireless N USB Adapter

Package:

- 300Mbps Wireless N AP/Client Router
  TL-WR843ND
- Power Adapter
- RJ45 Ethernet Cable
- Passive PoE Power Injector
- Resource CD
- Quick Installation Guide

Related Products:

- ADSL2+ Modem
  TD-8616
- 300Mbps Wireless N USB Adapter
  TL-WN821N
- 300Mbps Wireless N PCI Adapter
  TL-WN851ND

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