

## 450Mbps Wireless N Gigabit Router

TL-WR1043ND

### Highlights

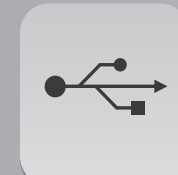
- Fast Wi-Fi – Wireless N speed up to 450Mbps makes it ideal for video streaming, online gaming and VoIP
- Gigabit ports–All Gigabit ports ensure ultimate transfer speeds
- USB Port – Easily shares printers, files or media with your friends or family locally or over the Internet
- Easily setup – WPA encrypted secure connection at a push of the WPS button
- WDS – wireless bridge provides seamless bridging to expand your wireless network
- Bandwidth Control– IP based bandwidth control allows administrators to determine how much bandwidth is allotted to each PC



450Mbps



WPS



USB 2.0  
Port



Gigabit  
Port



WDS



Easy  
Setup

# Features



## Speed

- **Blazing Fast Wireless Speed** – Wireless speeds up to 450Mbps
- **Gigabit Wired Speed** – All Gigabit ports ensure ultrafast data transfer speeds
- **Hardware NAT function** – The NAT WAN to LAN throughput can achieve up to 800Mbps+ allowing users to unleash the full potential of their networks



## Wi-Fi Range

- **Ultimate Range & Reliable Wi-Fi** – High-powered amplifiers ensure continuous Wi-Fi signal to all your devices while boosting widespread coverage throughout your very large home
- **3 Omni Directional Antennas** – 3 detachable antennas provide maximum Omni-directional wireless coverage



## Reliability

- **IP QoS** – Advanced QoS automatically recognizes & prioritizes streaming & gaming applications



# Features



## Easy Sharing

- **USB Ports for Fast Sharing** – With the USB port, you can access and share a printer as well as your files and media locally. Via the router's FTP server, you can also have access to your files & media with networked devices remotely
- **Built-in Print Server** – Supports wireless printing from multiple computers (works in conjunction with a USB Printer)
- **Built-in Media Server** – Allows users to play music, video and view photos



## Ease of Use

- **3-Step Quick Installation** – Easy Setup Assistant supporting multiple languages provides a quick & hassle free installation
- **Fast Encryption** – Easy one-touch WPA wireless security encryption with the WPS button
- **Power On/Off** – Convenient power saving



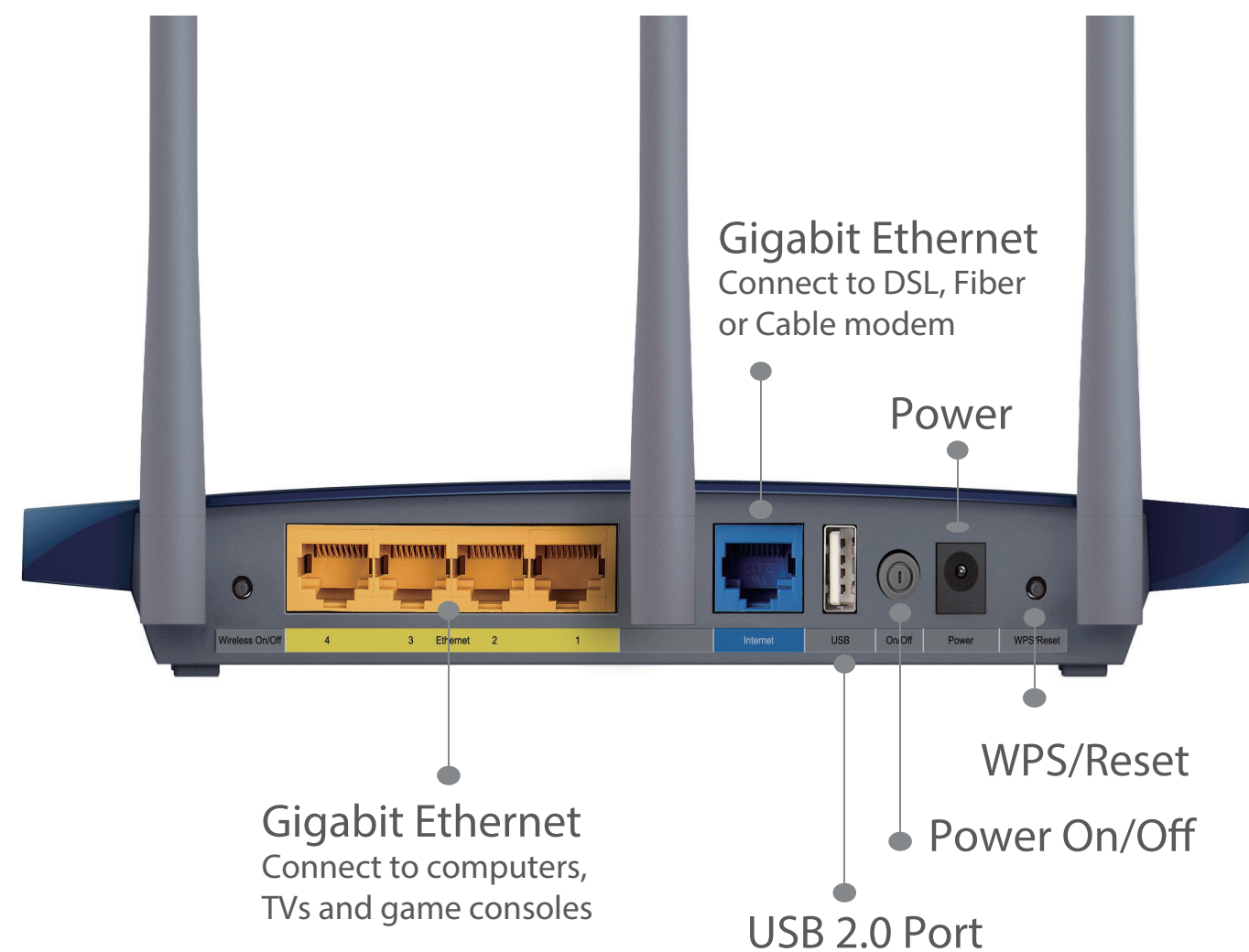
## Security

- **Easy Bandwidth Management** – IP-based Bandwidth Control makes it easier for you to manage the bandwidth of connected devices
- **VPN Support** – Secure access to your home or office network from remote devices
- **Encryptions for Secure Network** – WPA-PSK/WPA2- PSK encryptions provide active defense against security threats for user networks

# Specifications

## Hardware

- External Power Supply: 12VDC / 1.5A
- Antenna: 5dBi\*3 Detachable Omni Directional (RP-SMA)
- Dimensions (W x D x H): 8.9 x 5.6 x 1.2in. (225 x 141 x 30mm)



## Wireless

- **Wireless Standards:** IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
- **Frequency:** 2.4-2.4835GHz
- **Signal Rate:** 11n: Up to 450Mbps(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 Function:** Enable/Disable Wireless Radio, WDS Bridge, WMM, Wireless Statistics
- **Wireless Security:** 64/128/152-bit WEP, WPA / WPA2,WPA-PSK / WPA2-PSK
- **Guest Network:** 2.4GHz guest network × 1



# Specifications

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## Software

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- WAN Type: Dynamic IP/Static IP/PPPoE/  
PPTP(Dual Access)/L2TP(Dual Access)/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  
Scheule,Rule Management
- Firewall Security: DoS, SPI Firewall  
IP Address Filter/MAC Address Filter/Domain Filter  
IP and MAC Address Binding
- USB Sharing: Support Storage Sharing, FTP Server, Media Server, Print Server
- Protocols: Supports IPv4 and IPv6
- Certification: CE, FCC, RoHS
- System Requirements: Microsoft Windows 8/7/Vista/XP/2000, MAC OS,  
NetWare, UNIX or Linux.
- Environment: Operating Temperature: 0 °C ~40 °C (32 °F ~104 °F )  
Storage Temperature: -40 °C ~70 °C (-40 °F ~158 °F )  
Operating Humidity: 10%~90% non-condensing  
Storage Humidity: 5%~90% non-condensing

## Others

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### Package Contents

- 450Mbps Wireless N Gigabit Router  
TL-WR1043ND
- 3 detachable Omni directional antennas
- Power Supply Unit
- Resource CD
- Quick Installation Guide

### Related Products:

- 300Mbps Wireless N USB Adapter  
TL-WN821N
- 300Mbps Wireless N PCI Adapter  
TL-WN951N
- ADSL2+ Modem Router  
TD-8816

# Others

## Ideal to use with



- 300Mbps Wireless N USB Adapter TL-WN821N



- 300Mbps Wireless N PCI Adapter TL-WN951N

## Similar Products



- 300Mbps Wireless N Router TL-WR841N



- 450Mbps Wireless Router TL-WR940N



For more information, please visit

[http://www.tp-link.com/en/products/details/cat-9\\_TL-WR1043ND.html#overview](http://www.tp-link.com/en/products/details/cat-9_TL-WR1043ND.html#overview)

or scan the QR code left

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