# TP-LINK®

# 300Mbps Wireless N Nano Router
## TL-WR802N

## ◉ Features：

- Compatible with IEEE 802.11n/g/b

- Wireless speed up to 300Mbps

- Compact and portable, small enough to take on the road

- Powered through a micro USB port by an external power adapter or USB connection to a computer

- Supports Router, Repeater, Client, AP and WISP operation modes

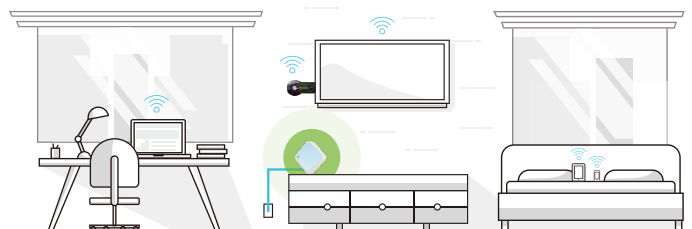- Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions

## ◉ Description：

At 300Mbps, the Nano router creates an instant Wi-Fi hotspot simply by plugging in the Ethernet cable from your existing network or modem. It is a smart solution to efficiently expand your wireless network for the use of laptops, mobile phones, tablets or game consoles. The design is small enough to take on the road and can be powered by an external power adapter or USB connection to a computer. The router is uniquely designed to provide exceptional wireless performance, bringing you extraordinary value at an affordable price.

## ◉ Specifications：

| HARDWARE FEATURES | |
| --- | --- |
| Interface | 1 10/100Mbps WAN/LAN Port<br>Micro USB Port<br>Reset Button |
| Wireless Standards | IEEE 802.11n, IEEE 802.11g, IEEE 802.11b |
| 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) |
| RECEIVE SENSITIVITY | 270M: -65dBm@10% PER; 130M: -70dBm@10% PER;<br>108M: -82dBm@10% PER; 54M: -73dBm@10% PER;<br>11M: -82dBm@8% PER; 6M: -86dBm@10% PER; 1M: -90dBm@8% PER |
| WIRELESS MODES | Router Mode, Repeater Mode, Client Mode<br>AP Mode, WISP Router Mode |
| Wireless Functions | Enable/Disable Wireless Radio, WDS Bridge, WMM, Wireless Statistics |
| Wireless Security | 64/128/152-bit WEP , WPA , WPA2,WPA-PSK , WPA2-PSK |
| Quality of Service | WMM, Bandwidth Control |
| Port Forwarding | Virtual Server, Port Triggering, UPnP, DMZ |
| VPN Pass-Through | PPTP, L2TP, IPSec (ESP Head) |
| Firewall Security | DoS, SPI Firewall<br>IP Address Filter/MAC Address Filter/Domain Filter<br>IP and MAC Address Binding |
| Dimensions ( W x D x H ) | 2.2 x 2.2 x 0.7 in. (57 x 57 x18 mm) |

## ◉ Diagram:

During Travel



Router Mode or Hotspot Mode

At Home



Client Mode          Range Extender Mode

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