TP-LINK®

450Mbps Wireless N Dual Band PCI Express Adapter

TL-WDN4800

◉ Features:

- 450Mbps Speed：The fastest wireless speed available unleash a true digital home networking experience

- Dual Band Connections：Less crowded 5GHz band lets you have the road to yourself, for HD streaming, Online Gaming and More

- Three antennas：Three antennas ensure high speed and strong signal
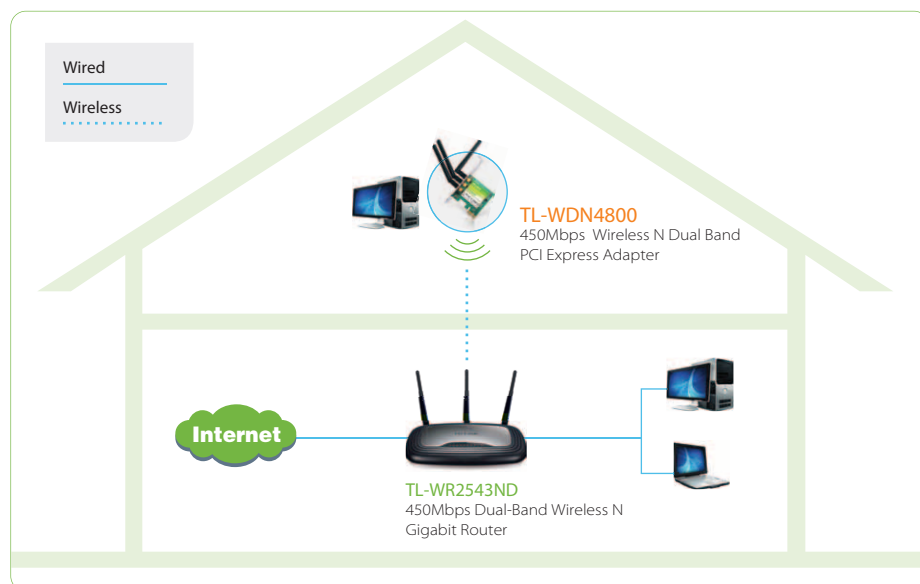
◉ Description：

The TL-WDN4800 Wireless N Dual Band PCI Express Adapter complies with IEEE 802.11a/b/g/n standards. Wireless transmission rates can reach up to 450Mbps. The PCI Express Card with three external detachable Omni-directional antennas works well with other 2.4GHz and 5GHz protocol wireless products and adopts MIMO technology which can bring a faster, wider, and more stable wireless experience. This product can also simultaneously operate bandwidth intensive applications using a lot of bandwidth which are sensitive to interruption. When using multiple bandwidth intensive applications, the most sensitive of these applications can be given priority over the others to be allocated more bandwidth in order to assure quality.

◉ Specifications：

Standards	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b, IEEE 802.11a, CSMA/CA with ACK
Interface	PCI Express x1
Wireless Signal Rates With Automatic Fallback	11n: 405/270/243/216/162/108/81/54/27Mbps 135/121.5/108/81/54/40.5/27/13.5Mbps 130/117/104/78/52/39/26/13Mbps 65/58.5/52/39/26/19.5/13/6.5Mbps
	11g: 54/48/36/24/18/12/9/6Mbps
	11b: 11/5.5/2/1Mbps
	11a: 54/48/36/24/18/12/9/6Mbps
Frequency Range	2.400-2.4835GHz; 5.180-5.240GHZ; 5.745-5.825GHz
Wireless Transmit Power	20dBm(MAX)
Modulation Type	OFDM/CCK/16-QAM/64-QAM
Receiver Sensitivity	405M_2.4G: -68dBm 270M_2.4G: -70dBm 195M_2.4G: -71dBm 130M_2.4G: -74dBm 54M_2.4G: -79dBm 6M_2.4G: -94dBm 405M_5G: -64dBm 270M_5G: -67dBm 195M_5G: -70dBm 130M_5G: -73dBm 54M_5G: -79dBm 6M_5G: -92dBm
Antenna	Three External Dual Band Antennas
Security	64/128 bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)
Certifications	CE, FCC, Wi-Fi
Support Operating System	Windows 7/Vsita/XP
Operating temperature	0℃~40℃ (32°F~104°F)
Storage temperature	-40℃~70℃ (-40°F~158°F)
Relative humidity	10% ~ 90%, non condensation
Storage Humidity	5%~95% non-condensing
Dimensions	4.8 × 3.1 × 0.8 in. (120.8 × 78.5 × 21.5 mm)

◉ Diagram:

Wired

Wireless

TL-WDN4800
450Mbps Wireless N Dual Band
PCI Express Adapter

Internet

TL-WR2543ND
450Mbps Dual-Band Wireless N
Gigabit Router

Package:

- 450Mbps Wireless N Dual Band PCI Express Adapter TL-WDN4800
- Quick Installation Guide
- Resource CD, including:
  • TL-WDN 800 Wireless Client Utility and Drivers
  • User Guide
  • Other Helpful Information

Related Products:

- 450Mbps Dual-Band Wireless N Gigabit Router TL-WR2543ND

www.tp-link.com