

N600 Wireless Dual Band PCI Express Adapter

TL-WDN3800

⦿ Features:

- Achieves a maximum theoretical throughput of up to 300 Mbps
- Supports dual-band, 2.4GHz or 5GHz
- Seamlessly compatible with 802.11a/b/g/n products
- Experience smoother video streaming and online gaming by choosing the clearer 5GHz band for wireless connections
- Supports 64/128 WEP, WPA /WPA2, WPA-PSK/WPA2-PSK(TKIP/AES), supports IEEE 802.1X
- Bundled utility provides quick & hassle-free installation



⦿ Description:

TP-LINK's N600 Wireless Dual Band PCI Express Adapter, TL-WDN3800 allows you to connect a desktop computer to a wireless network and access a high-speed wireless network connection. Complying with IEEE 802.11 a/b/g/n, the device can use the 2.4GHz or 5GHz channels and provide wireless speeds of up to 300Mbps which is ideal for users seeking a highly robust, bandwidth intensive wireless networking experience, particularly with HD video streaming and online gaming.

◎ Specifications:

HARDWARE FEATURES	
Interface	PCI Express x1
Antenna Type	Omni Directional, Detachable (RP-SMA)
Antenna Gain	2 x 2dBi
WIRELESS FEATURES	
Wireless Standards	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b, IEEE 802.11a
Frequency	2.4-2.4835GHz 5.180-5.240GHz 5.745-5.825GHz (not used in devices for the EU Countries)
Signal Rate	11n: Up to 300Mbps(dynamic) 11g: Up to 54Mbps(dynamic) 11b: Up to 11Mbps(dynamic) 11a: Up to 54Mbps(dynamic)
EIRP	<20dBm(EIRP)
Reception Sensitivity	270M_2.4GHz: -70dBm@10% PER 195M_2.4GHz: -71dBm@10% PER 130M_2.4GHz: -74dBm@10% PER 54M_2.4GHz: -79dBm@10% PER 11M_2.4GHz: -87dBm@8% PER 6M_2.4GHz: -94dBm@10% PER 1M_2.4GHz: -99dBm@8% PER 270M_5GHz: -67dBm@10% PER 195M_5GHz: -70dBm@10% PER 130M_5GHz: -73dBm@10% PER 54M_5GHz: -79dBm@10% PER 6M_5GHz: -92dBm@10% PER
Wireless Modes	Ad-Hoc / Infrastructure mode
Wireless Security	Supports 64/128 WEP, WPA /WPA2, WPA-PSK/WPA2-PSK(TKIP/AES), supports IEEE 802.1X
Modulation Technology	DBPSK, DQPSK, CCK, OFDM, 16-QAM, 64-QAM
OTHERS	
Certification	CE, FCC, RoHS, Wi-Fi
System Requirements	Windows 7(32/64bits) Windows Vista(32/64bits) Windows XP(32/64bits)
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

Diagram:

DUAL BAND: 2.4GHz or 5GHz



Package:

- N600 Wireless Dual Band PCI Express Adapter
- TL-WDN3800
- Quick Installation Guide
- Resource CD, including:
 - TL-WDN3800 Wireless Client Utility and Drivers
 - User Guide
 - Other Helpful Information

Related Products:

- N600 Wireless Dual Band Gigabit Router
- TL-WDR3600