



## TP-Link TL-WN823N network card WLAN 300 Mbit/s

**Brand :** TP-Link

**Product code:** TL-WN823N

**Product name :** TL-WN823N

- 300Mbps wireless speed ideal for smooth HD video, voice streaming and online gaming\*
  - Mini-sized design for convenient portability with a reliable high performance
  - SoftAP Mode - Turn a wired internet connection to a PC or Laptop into a Wi-Fi hotspot
  - Easily setup a secure wireless connection with one-touch WPS button
- USB 2.0, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, 2.400~2.4835GHz, <20dBm (EIRP)  
 TP-Link TL-WN823N. Connectivity technology: Wired, Host interface: USB, Interface: WLAN. Maximum data transfer rate: 300 Mbit/s, Top Wi-Fi standard: Wi-Fi 4 (802.11n), Wi-Fi band: Single-band (2.4 GHz). USB powered. Product colour: Black



Ports & interfaces		System requirements	
Connectivity technology *	Wired		Windows 7, Windows 7 Enterprise, Windows 7 Enterprise x64, Windows 7 Home Basic, Windows 7 Home Basic x64, Windows 7 Home Premium, Windows 7 Home Premium x64, Windows 7 Professional, Windows 7 Professional x64, Windows 7 Starter, Windows 7 Starter x64, Windows 7 Ultimate, Windows 7 Ultimate x64, Windows 7 x64, Windows 8, Windows 8 Enterprise, Windows 8 Enterprise x64, Windows 8 Pro, Windows 8 Pro x64, Windows 8 x64, Windows 8.1, Windows 8.1 Enterprise, Windows 8.1 Enterprise x64, Windows 8.1 Pro, Windows 8.1 Pro x64, Windows 8.1 x64, Windows XP, Windows XP Home, Windows XP Home x64, Windows XP Professional, Windows XP Professional x64
Host interface *	USB		
Interface *	WLAN		
Network			
Maximum data transfer rate *	300 Mbit/s		
Networking standards *	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n		
Wi-Fi	✓	Windows operating systems supported	
Wi-Fi band	Single-band (2.4 GHz)		
Frequency range	2.4 - 2.4835 GHz		
Top Wi-Fi standard	Wi-Fi 4 (802.11n)		
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)		
WLAN data transfer rates supported	11,54,300 Mbit/s		
Modulation	16-QAM, 64-QAM, CCK, DBPSK, DQPSK, OFDM		
Security algorithms	64-bit WEP, 128-bit WEP, WPA, WPA-PSK, WPA2, WPA2-PSK		
Wake-on-LAN ready	✓	Mac operating systems supported	Mac OS X 10.15 Catalina, Mac OS X 11.0 Big Sur, Mac OS X 12.0 Monterey, Mac OS X 13.0 Ventura
Design		Operational conditions	
Component for *	PC/Laptop	Operating temperature (T-T)	0 - 40 °C
Product colour	Black	Storage temperature (T-T)	-40 - 70 °C
Internal *	✗	Operating relative humidity (H-H)	10 - 90%
Antenna	✓	Storage relative humidity (H-H)	5 - 90%
Antenna design	Internal	Sustainability	
Transmitting power (CE)	20 dBm	Sustainability compliance	✓
Transmitting power (FCC)	20 dBm	Sustainability certificates	CE, Federal Communications Commission (FCC), RoHS
Plug and Play	✓		
LED indicators	Status		
Operating modes	Infrastructure mode		

Power		Weight & dimensions	
USB powered	✓	Width	39 mm
		Depth	18.4 mm
		Height	7.87 mm
Packaging data			
		Package width	138 mm
		Package depth	128 mm
		Package height	30 mm
		Package weight	80 g
Packaging content			
		Resource CD	✓
		Quick installation guide	✓
Logistics data			
		Harmonized System (HS) code	85176990



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