



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 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		Windows 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	
Maximum data transfer rate *	300 Mbit/s			
Networking standards *	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n			
Wi-Fi	✓	Mac 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)	Operational conditions	Operating temperature (T-T) 0 - 40 °C Storage temperature (T-T) -40 - 70 °C Operating relative humidity (H-H) 10 - 90% Storage relative humidity (H-H) 5 - 90%	
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	Sustainability		
Security algorithms	64-bit WEP, 128-bit WEP, WPA, WPA-PSK, WPA2, WPA2-PSK			
Wake-on-LAN ready	✓			
Design				
Component for *	PC/Laptop			
Product colour	Black			
Internal *	✗			
Antenna	✓			
Antenna design	Internal			
Transmitting power (CE)	20 dBm			
Transmitting power (FCC)	20 dBm			
Plug and Play	✓			
LED indicators	Status			

Design		Weight & dimensions	
Operating modes	Infrastructure mode	Width	39 mm
Power		Depth	18.4 mm
USB powered	✓	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	✓
Technical details			
		Compliance certificates	CE, Federal Communications Commission (FCC), RoHS
Logistics data			
		Harmonized System (HS) code	85176990



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