



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 | | |
| Transmitting power (CE) | 20 dBm | Sustainability | |
| Transmitting power (FCC) | 20 dBm | Sustainability compliance | ✓ |
| 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 | ✓ |
| | | Technical details | |
| | | Compliance certificates | CE, Federal Communications Commission (FCC), RoHS |
| | | Logistics data | |
| | | Harmonized System (HS) code | 85176990 |



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