

Wireless Router TP-LINK



**Wireless Router
300 Mbps IEEE
802.11b IEEE
802.11g IEEE
802.11n 1 WAN
4x10/100M
DHCP Number of
antennas 2 TL-
WR840N**

Model: TL-WR840N

Manufacturer: TP-LINK

EAN: 6935364070533

Product Code: 825021

R884

Highlights:

- 300Mbps wireless transmission rate ideal for both bandwidth sensitive tasks and basic work;

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- Easy wireless security encryption at a push of WPS button;
- IP based bandwidth control allows administrators to determine how much bandwidth is allotted to each PC;
- WDS wireless bridge provides seamless bridging to expand your wireless network.

What This Product Does

The 300Mbps Wireless N Router TL-WR840N is a combined wired/wireless network connection device designed specifically for small business and home office networking requirements. The TL-WR840N creates an exceptional and advanced wireless performance, making it ideal for streaming HD video, VoIP and online gaming. Also, Wi-Fi Protected Setup (WPS) button on the sleek and fashionable exterior ensures WPA2 encryptions, preventing the network from outside intrusions.

300Mbps Wireless N Speed - Fast Download Speed

TP-LINK's TL-WR840N is a high speed solution that is compatible with IEEE 802.11b/g/n. Based on 802.11n technology, TL-WR840N gives users wireless performance at up to 300Mbps, which can meet your most demanding home networking needs, such as HD streaming, online gaming and large files downloading.

CCA Technology - Stable Wireless Signals

Clear Channel Assessment (CCA) automatically avoids channel conflicts using its clear channel selection feature and fully realizes the advantages of channel binding, greatly enhancing wireless performance.

IP QoS -- Manage your Bandwidth

Within the wireless network, indiscriminate Internet surfing and bandwidth-guzzling downloads by internal users often leave homes or small offices with insufficient bandwidth. TL-WR840N supports an IP QoS function, allowing optimum utilization of bandwidth and offering bandwidth control over congestion, preventing bandwidth abuse. In this way, users of a small network receive committed and specific bandwidth, preventing non-critical applications from degrading network performance.

Easy To Use

With the TL-WR840N even novice users can setup their networks. The device comes with a CD featuring an Easy Setup Assistant that leads users through the setup process step-by-step, and even

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helps with wireless network settings and security configurations.

Features:

- Wireless N speed of up to 300Mbps makes it ideal for bandwidth consuming or interruption sensitive applications like video streaming, online gaming and VoIP;
- 2T2R MIMO™ delivers greater throughput at range versus conventional 1T1R;
- Easily setup a WPA encrypted secure connection at a push of the QSS button;
- WDS wireless bridge provides seamless bridging to expand your wireless network;
- QoS function assures the quality of VoIP and multimedia streaming;
- Wi-Fi On/Off Button allows users to simply turn their wireless radio on or off;
- Features parental control function managing the internet access of children or employee's computer;
- Supports virtual server, special application and DMZ host ideal for creating a website within your LAN;
- Offers Auto-mail function for system log, convenient for managing the router;
- Backward compatible with 802.11b/g products;
- Easy Setup Assistant provides quick & hassle free installation;
- Sleek exterior, can be mounted on a wall or placed horizontally on a table or desk.

Summary: TP-Link TL-WR840N. WAN connection type: RJ-45. Wi-Fi band: Single-band (2.4 GHz), Top Wi-Fi standard: Wi-Fi 4 (802.11n), WLAN data transfer rate (max): 300 Mbit/s. Ethernet LAN interface type: Fast Ethernet, Ethernet LAN data rates: 10,100 Mbit/s, Cabling technology: 10/100Base-T(X). Security algorithms: WEP, WPA, WPA-Enterprise, WPA2, WPA2-Enterprise, Firewall security: SPI. Supported network protocols: IPv4, IPv6 | Vendor Homepage: <https://www.tp-link.com/en/products/details/?categoryid=238&model=TL-WR840N> | Top Wi-Fi standard: Wi-Fi 4 (802.11n) | Wi-Fi band: Single-band (2.4 GHz) | Wi-Fi standards: 802.11b/802.11g/Wi-Fi 4 (802.11n) | WLAN data transfer rate (max): 300 | 3G/4G USB modem compatibility: No | DSL WAN: No | Ethernet WAN: Yes | SIM card slot: No | WAN connection type: RJ-45 | Cabling technology: 10/100Base-T(X) | Ethernet LAN: Yes | Ethernet LAN data rates: 10/100 | Ethernet LAN interface type: Fast Ethernet | Networking standards: IEEE 802.11b/IEEE 802.11g/IEEE 802.11n/IEEE 802.3/IEEE 802.3u | Number of guest networks (2.4 GHz): 1 | Port forwarding: Yes | Port triggering: Yes | Receiver sensitivity: 270M: -68dBm@10% PER
130M: -68dBm@10% PER
108M: -68dBm@10% PER

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54M: -68dBm@10% PER

11M: -85dBm@8% PER

6M: -88dBm@10% PER

1M: -90dBm@8% PER | VPN support: PPTP, L2TP, IPSec | DC-in jack: Yes | Ethernet LAN (RJ-45) ports: 4 | USB port: No | Quality of Service (QoS) support: Yes | Reset button: Yes | Web-based management: Yes | WPS push button: Yes | DMZ support: Yes | Filtering: Yes | Firewall: Yes | Firewall security: SPI | Guest access: Yes | MAC address filtering: Yes | Security algorithms: WEP/WPA/WPA2/WPA2-Enterprise/WPA-Enterprise | URL filtering: Yes | DHCP client: Yes | DHCP server: Yes | Supported network protocols: IPv4, IPv6 | Universal Plug and Play (UPnP): Yes | LED indicators: Yes | On/off switch: Yes | Product colour: Grey/White | Product type: Tabletop router | AC adapter included: Yes | Cables included: LAN (RJ-45) | Compliance certificates: CE/Federal Communications Commission (FCC)/RoHS | Quick installation guide: Yes | Sustainability compliance: Yes | Antenna design: External | Antenna gain level (max): 5 | Antennas quantity: 2 | Built-in processor: Yes | Processor cores: 1 | Output current: 0.6 | Output voltage: 9 | Power source type: DC | Operating relative humidity (H-H): 10 - 90 | Operating temperature (T-T): 0 - 40 | Storage relative humidity (H-H): 5 - 90 | Storage temperature (T-T): -40 - 70 | Linux operating systems supported: Yes | Mac operating systems supported: Yes | Windows operating systems supported: Windows 2000/Windows 2000 Professional/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 U/Windows 7 Ultimate | Depth: 128 | Height: 35 | Width: 182 | Package depth: 180 | Package height: 86 | Package weight: 430 | Package width: 265 | WLAN data transfer rates supported: 11/300/54 | Product Net Weight: 0.4 | Shipping Box Height: 47 | Unit Calculated Volume: 0.005132 | Unit Calculated Weight: 0.528 | Units per Shipping Box: 20 | Model name: TL-WR840N

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