TL-WR840N V6.20

300Mbps Wireless N Speed

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WIRELESS

Standards	**Wi-Fi 4** IEEE 802.11n/b/g 2.4 GHz
WiFi Speeds	**N300** 2.4 GHz: 300 Mbps (802.11n)
WiFi Range	**2 Bedroom Houses** 2× Fixed Antennas
WiFi Capacity	**Legacy**

WIRELESS

Working Modes	Router Mode Access Point Mode Range Extender Mode WISP Mode

HARDWARE

Processor	Single-Core CPU
Ethernet Ports	1× 10/100 Mbps WAN Port 4× 10/100 Mbps LAN Ports
Buttons	Reset Button
Power	9 V ⎓ 0.6 A

SECURITY

WiFi Encryption	WEP WPA WPA2 WPA/WPA2-Enterprise (802.1x)
Network Security	SPI Firewall Access Control IP & MAC Binding Application Layer Gateway
Guest Network	1× 2.4 GHz Guest Network

SOFTWARE

Protocols	IPv4 IPv6
Parental Controls	URL Filtering Time Controls
WAN Types	Dynamic IP Static IP PPPoE PPTP L2TP
Quality of Service	QoS by Device

SOFTWARE

NAT Forwarding	Port Forwarding Port Triggering DMZ UPnP
IPTV	IGMP Proxy IGMP Snooping
DHCP	Address Reservation DHCP Client List Server
DDNS	NO-IP Comex DynDNS
Management	Tether App Webpage Check Web Emulator>

PHYSICAL

Dimensions (W×D×H)	7.2 × 5.0 × 1.4 in (182 × 128 × 35 mm)
Package Contents	Wi-Fi Router TL-WR840N Power Adapter RJ45 Ethernet Cable Quick Installation Guide

OTHER

System Requirements	Internet Explorer 11+, Firefox 12.0+, Chrome 20.0+, Safari 4.0+, or other JavaScript-enabled browser Cable or DSL Modem (if needed) Subscription with an internet service provider (for internet access)
Certifications	FCC, CE, RoHS
Environment	Operating Temperature: 0℃~40℃ (32℉ ~104℉) Storage Temperature: -40℃~70℃ (-40℉ ~158℉) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing

TEST DATA

TEST DATA

WiFi Transmission Power	CE: <20dBm(2.4GHz) FCC: <30dBm
WiFi Reception Sensitivity	270M: -68dBm@10% PER 130M: -68dBm@10% PER 108M: -68dBm@10% PER 54M: -68dBm@10% PER 11M: -85dBm@8% PER 6M: -88dBm@10% PER 1M: -90dBm@8% PER

*Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage are not guaranteed and will vary as a result of 1) environmental factors, including building materials, physical objects, and obstacles, 2) network conditions, including local interference, volume and density of traffic, product location, network complexity, and network overhead, and 3) client limitations, including rated performance, location, connection, quality, and client condition.

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