

WIRELESS

Standards and Protocols	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
Working Modes	Router Mode Access Point Mode Range Extender Mode Client Mode Hotspot Mode (WISP Mode)

SECURITY

Network Security	SPI Firewall Access Control IP & MAC Binding Application Layer Gateway
Guest Network	1× 2.4 GHz Guest Network
WiFi Encryption	WEP WPA WPA2 WPA/WPA2-Enterprise (802.1x)* *Only Available in the Router and AP Modes.

HARDWARE

Processor	Single-Core CPU
Ethernet Ports	1× 10/100 Mbps WAN/LAN Port
Buttons	Reset Button
Power	5 V = 1 A

Wi-Fi Routers TL-WR802N		Overview	Specifications	Support	Buy Now
Protocols	IPv4 IPv6				
Parental Controls	URL Filtering Time Controls				
WAN Types	Dynamic IP Static IP PPPoE PPTP L2TP				
Quality of Service	QoS by Device				
NAT Forwarding	Virtual Server Port Forwarding Port Triggering DMZ UPnP				
IPTV	IGMP Proxy				
DHCP	Address Reservation DHCP Client List Server				
DDNS	NO-IP Comex DynDNS				
Management Features	Tether App Webpage Check Web Emulator>				

OTHER

Network Services Enabled by Default	Web Server Manage and configure device through web (HTTP/HTTPS) • Port: 80/443 Protocol: TCP DHCP Server IP address assignment (DHCP) • Port: 67 Protocol: UDP App management Manage and configure device through app • Port: 20001 Protocol: TCP • Port: 20002 Protocol: UDP				
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°C~40°C (32°F ~104°F) Storage Temperature: -40°C~70°C (-40°F ~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing

TEST DATA

WiFi Transmission Power	CE: <20dBm(2.4GHz) FCC: <30dBm
WiFi Reception Sensitivity	270M: -70dBm@10% PER 130M: -75dBm@10% PER 108M: -88dBm@10% PER 54M: -78dBm@10% PER 11M: -100dBm@8% PER 6M: -92dBm@10% PER 1M: -100dBm@8% PER

PHYSICAL

Dimensions (W×D×H)	2.2 × 2.2 × 0.7 in (57 × 57 ×18 mm)
Package Content	Wi-Fi Router TL-WR802N Power Adapter USB Cable RJ45 Ethernet Cable Quick Installation Guide Resource CD

[For additional version information, please go to the support page.](#)

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