

TL-MR6400_V8_Datasheet

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300Mbps Wireless N 4G LTE Router



4G (TDD&FDD)/3G
Compatible

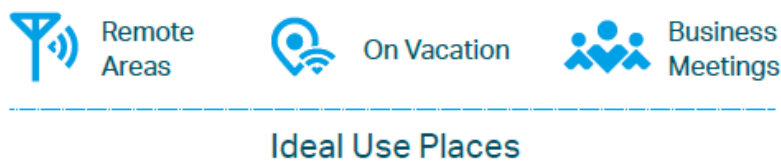


300 Mbps Wireless
Speed⁺

Highlights

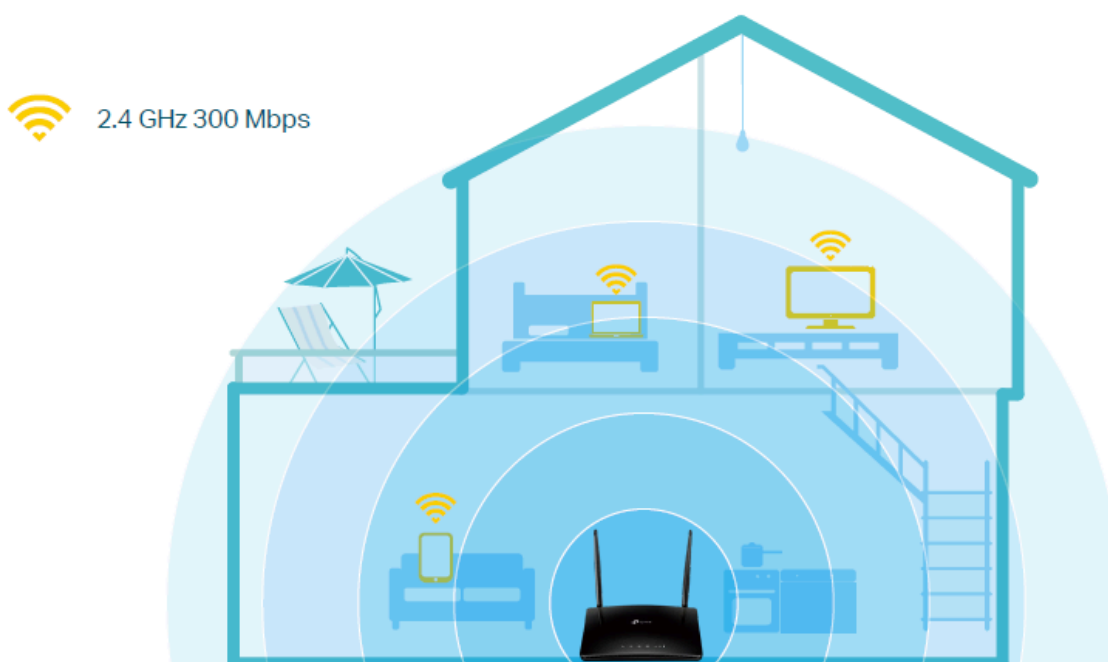
Superfast 4G LTE Speed for Reliable Wi-Fi

The TL-MR6400 uses 4G LTE technology to achieve speeds of up to 150 Mbps download and 50 Mbps upload. It also shares a Wi-Fi network with maximum speed of 300 Mbps on 2.4 GHz for gaming, streaming, and more.+



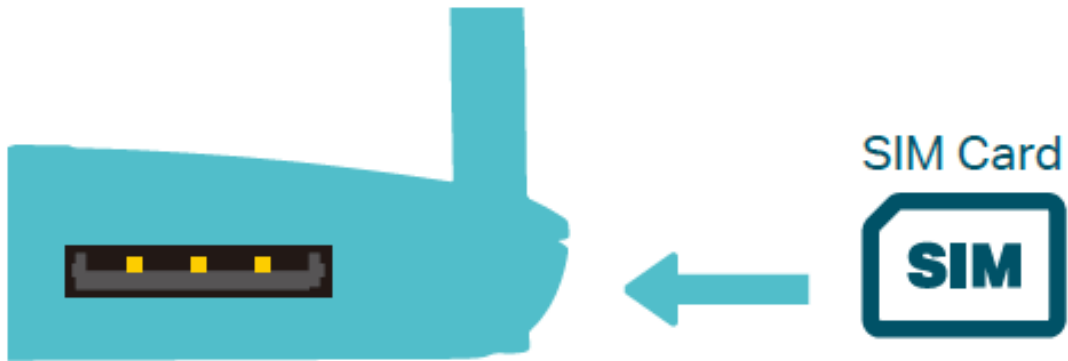
Design for Maximum Network Coverage

Advanced LTE antennas make efficient and stable connections to every device. Power Amplifier and Low Noise Amplifier boost sending and receiving capabilities, creating a wide-coverage Wi-Fi network for your home.



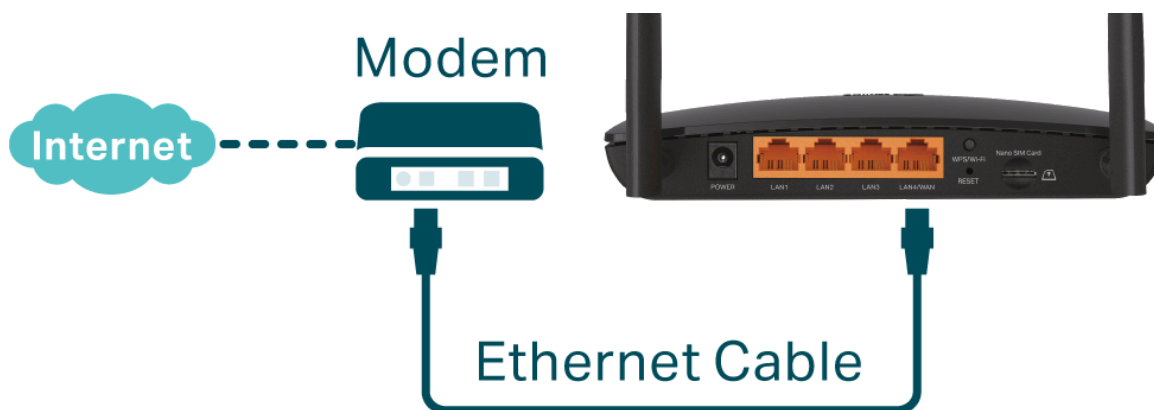
Plug and Play

Simply insert your 3G/4G Nano SIM card into the built-in slot, turn on the TL-MR6400 and start surfing!



Available WAN Connection Backup

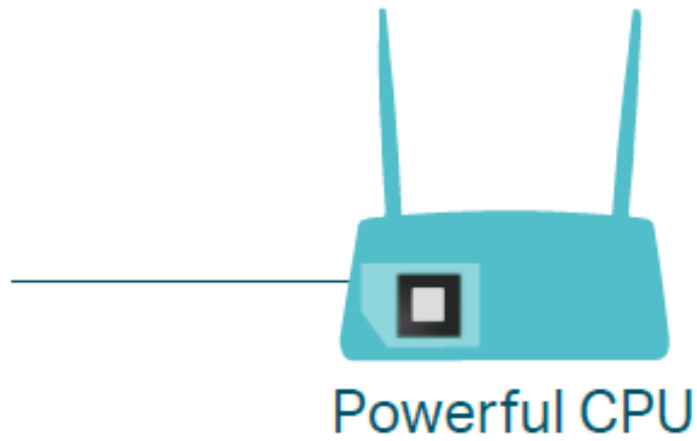
With a fully functional WAN/LAN port, TL-MR6400 can work as a router which is compatible with cable, fiber, and DSL modems.



Powerful Processor for Superior Stability

Connect up to 32 wireless devices with ease, thanks to a powerful processor that boosts data transfer speeds while ensuring dependable network stability.+

Up to
32
Devices



Management Made Simple

Parental Controls let you easily manage your kids by limiting access to Internet. Guest Network provides separate Wi-Fi access for guests while securing network. QoS assigns your preferred devices with more bandwidth.



Features

	4G LTE · 4G LTE – Ideal for cutting-edge 4G LTE network · Faster Connections – Up to 150 Mbps download speed and 50 Mbps upload speed · Backward Compatible – Compatible with 4G/3G network
	Speed · 300 Mbps Wireless Speed – 300 Mbps Wi-Fi allows stable speed for wireless activities, such as streaming, surfing, browsing and posting social media

	4G LTE · 4G LTE – Ideal for cutting-edge 4G LTE network · Faster Connections – Up to 150 Mbps download speed and 50 Mbps upload speed · Backward Compatible – Compatible with 4G/3G network
	Wi-Fi Range · Better Coverage – Integrated antennas provide stable wireless connections and better coverage
	Reliability · Easy Bandwidth Management – Advanced QoS makes it easier for you to manage the bandwidth of connected devices · Superior Stability – Powerful processor enables you to connect up to 32 wireless devices with ease
	Ease of Use · Intuitive Web UI – Ensures quick and simple installation without hassle · Fast Encryption – One-touch WPA wireless security encryption with the WPS button · Wi-Fi On/Off – Conveniently turn on or off wireless radio as required · Hassle-free Management with Tether App – Network management is made easy with the TP-Link Tether App, available on any Android and iOS device · Online Upgrade – Keeps you informed of the latest firmware and allows online upgrade on the web UI
	Security · Guest Network – Keeps your main network secure by creating a separate network for friends and visitors · Access Control – Establishes a whitelist or blacklist to allow or restrict certain devices to access the internet · Parental Controls – Restrict internet access time and contents for children devices · Encryptions for Secure Network – WPA-PSK/WPA2-PSK encryptions provide active protection against security threats

Specifications

Hardware	
Interface	3× 10/100 Mbps LAN ports 1× 10/100 Mbps LAN/WAN Port 1× Nano SIM Card Slot 2× External SMA-F Antenna Interface
Buttons	WPS/Wi-Fi Button, Reset Button
Antennas	2× Detachable External 4G LTE Antennas
External Power Supply	9V/0.85A
Dimensions (W x D x H)	6.85 × 4.9 × 1.32 in. (174 × 124.5 × 33.5 mm)

Hardware	
Wireless	
Network Type	4G: FDD-LTE Cat4: B1/B3/B5/B7/B8/B20/B28 (2100/1800850/2600/900 MHz) TDD-LTE: B38/B40/B41(2600/2300/2500 MHz) 3G: DC-HSDPA/HSPA+/HSPA/UMTS:B1/B5/B8 (2100/850/900 MHz)
Wireless Standards	IEEE 802.11b, 802.11g, 802.11n
Frequency	2.4 GHz
Signal Rate	300 Mbps at 2.4 GHz
EIRP (CE)	<20 dBm (2.4 GHz)
Reception Sensitivity	11g 54M: -74 dBm 11n HT20: -71 dBm 11n HT40: -67 dBm
Wireless Function	Enable/Disable Wireless Radio, Wireless Schedule, WMM, Wireless Statistics
Wireless Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions
Software	
Operating Modes	3G/4G Router, Wireless Router
WAN Type	Dynamic IP/Static IP/PPPoE/PPTP(Dual Access)/L2TP(Dual Access)
DHCP	Server, Client, DHCP Client List, Address Reservation
Quality of Service	WMM, QoS
Port Forwarding	Virtual Server, Port Triggering, UPnP, DMZ
Dynamic DNS	TP-Link DDNS, DynDns, NO-IP
VPN Passthrough	PPTP, L2TP, IPSec
VPN Server	PPTP VPN, IPSec VPN, OpenVPN
Access Control	Parental Controls, Local Management Control, Host List, Access Control
Firewall Security	DoS, IPv4 SPI Firewall, IPv6 Firewall, IP and MAC Address Binding
Protocols	IPv4, IPv6
Management	Access Control, Local Management, Remote Management
Guest Network	2.4 GHz guest network
Others	
Certification	CE, RoHS

Hardware	
Requirements	• Edge, Firefox, Chrome, Safari, or other JavaScript-enabled browser *You are recommended to use the latest version • Nano SIM Card
Environment	• Operating Temperature: 0°C~40°C (32°F ~104°F) • Operating Humidity: 10%~90% non-condensing • Storage Humidity: 5%~90% non-condensing
Package Contents	• 300Mbps Wireless N 4G LTE Router TL-MR6400 • RJ45 Ethernet Cable • Power Adapter • Quick Installation Guide

Disclaimer

Specifications are subject to change without notice.

Actual network speed may be limited by the rate of the product's Ethernet WAN or LAN port, the rate supported by the network cable, Internet service provider factors and other environmental conditions.

†Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage, and quantity of connected devices are not guaranteed and will vary as a result of network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location.

This device requires an activated SIM card without a PIN lock. If the SIM is blocked, please consult the quick installation guide for unlocking instructions.

Maximum 4G download and upload speeds depend on external factors such as the local 4G network coverage, data plan, real-time network capacity, client limitations, and environmental factors. Actual supported frequency bands may vary slightly in different regions due to certification.

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