

4G LTE Mobile Wi-Fi

Model No.: M3L

Web site www.totolink.net | Address BLDG A1&A2, Lantian Technology Park, Xinyu Rd, Xinqiao Henggang Block, Shajing St, Baoan District, Shenzhen 518125, China
E-MAIL sales@totolink.net | Information in this document is subject to change without prior notice



Document Control					Etc
TOTOLINK Model		M3L			
Product Category		4G LTE Mobile Wi-Fi			
Release Date		2024-9-23			
Version	Date	Description	Author	Verifier	
V1.0	2024-09-23	Spec	Jace		

Appearance



Overview

The M3L is a portable wireless hotspot device that allows users to connect to the Internet via a cellular network and share that connection with other devices such as mobile phones, tablets or laptops. This device is perfect for those who need to stay connected wherever they go, whether traveling, working outdoors or as a backup at home.

New generation --- Wi-Fi 6

Wi-Fi 6 (IEEE802.11ax) significantly improves speed and total capacity, taking your Wi-Fi to the next level while being backward compatible with IEEE802.11a/b/g/n Wi-Fi standards. The M3L is equipped with 2.4G support for wireless technology Wi-Fi 6, which enables faster speeds, greater capacity, and reduced network congestion.

150Mbps Ultra-Fast LTE Speed

M3 supports 150Mbps LTE network speed. Whether you are browsing the web, making video calls or playing online games, the 150Mbps LTE speed can provide you with a stable and efficient network experience.

Type-C interface

The reversibility of the Type-C interface allows users to insert it in either direction without worrying about direction, greatly improving the convenience of use.

LTE MIMO 2x2

MIMO 2x2 is a cost-effective MIMO technology that significantly improves the speed, coverage and reliability of LTE networks, bringing users a better mobile Internet experience.

1.44inch color LCD

Supports multiple color display, making the user interface more vivid. It can be used to display graphics, icons and information in multiple colors to enhance the user experience.

1.44-inch LCDs generally have lower power consumption, making them ideal for battery-powered mobile devices, helping to extend the device's battery life.

Long battery life of more than 60 hours

Whether it's daily use, long trips, or outdoor activities, our devices can always operate reliably to provide you with an uninterrupted experience.

Support the Latest Internet Protocol IPV4 & IPV6

IPv6 is the latest version of internet protocol, which can intelligently identify devices on the Internet. Compared with IPv4, it has larger address space, faster propagation speed and higher security performance.

New web UI

Web UI can be run on any device that supports modern browsers, whether it is a computer, tablet, or mobile phone, without installing additional software. Users can simply access it through a browser. This cross-platform feature allows users to manage and operate devices anytime, anywhere.

Multi-system support

Multi-system support means that the software or device can run seamlessly on different operating systems such as Windows, macOS, Linux, iOS, Android, etc. This compatibility ensures that users can get consistent functions and experience no matter what platform they use.

Multi-browser compatibility

Whether the user is using Chrome, Firefox, Safari, Edge, or other browsers, multi-browser compatibility ensures that the appearance and functionality of web pages are consistent across browsers. This consistency allows users to get the same experience no matter which browser they visit.

Features

- Built-in high configuration 2100mAh high performance lithium battery,
- Smart power-saving technology effectively reduces power consumption by 30% and reduces power loss
- Create a reliable personal Wi-Fi hotspot on your mobile by simply plugging in a 4G SIM card
- Instantly share 4G LTE connectivity and support connected devices 9+1 or more
- With 4G portable WIFI, tablet, mobile phone, laptop, game console, smart furniture, etc. can easily enjoy 4G network
- LTE high-speed Internet access, the Internet is stable and not dropped.
- The maximum download speed of the LTE network is 150Mbps, and the upload speed is 50Mbps.
- The M3L features a compact, elegant design very suitable for travel
- Support FOTA upgrade
- Support IPV4&IPV6 protocols
- Support APN,VPN settings
- Built-in, 4G Main/Sub and Wi-Fi
- Support 1.44inch color LCD

Specification

Basic information	
Model	M3L
Factor	Mobile WIFI Hotspot
Dimension	98.4*59.1*14.7mm
Weight	about 100g (with Battery)
Air interface	
Technical Standard	Compatible with WCDMA, FDD-LTE, TDD-LTE, IEEE 802.11 b/g/n
Network frequency	Default: LTE FDD 1/3/7/8/20/28AB LTE TDD 38/40/41 WCDMA 1/8
WIFI	WiFi6 2.4G, IEEE 802.11 /b/g/n/ax
Performance	
Maximum Data Throughput	LTE CAT 4
	FDD-LTE 150Mbps/50Mbps
	UMTS:Up to 21 Mbps DL and 5.76 Mbps UL
	Wi-Fi Data rates up to 286.8Mbps@TX and 229.4Mbps@RX with 20/40MHz bandwidth

Hardware	
Receive Diversity	Support Receive Diversity
MIMO	Support LTE MIMO 2x2
Modem Chipset	ASR1803S
Wi-Fi Chipset	AIC8800DC
Memory	256Mb RAM + 128Mb ROM
USB charging	above 5V/1A
Power	<5W
USIM/SIM	Nano SIM Card slot 1 × eSIM optional (5 × 6mm) vSIM optional
Battery	Li-ion Battery 2100mAh
Charging time	<3.5 hours
Working time	around 6~7 hours (depend on network)
Standby time	>48 hours
LCD display	Yes, 1.44inch color LCD
USB	Type C, Charging & Internet
Antenna	Built-in, 4G Main/Sub and Wi-Fi
Buttons	POWER, Reset
ESD	ESD Protection circuit; Contact ±4KV, Air ±8KV

Specification

Software	
UI	Web-UI
System	RTOS
OS Supported	Upto WIN11, MAC OS, Android
Web browser supported	Windows IE, EDGE Google Chrome (Win), Firefox, etc.,
Languages	Default English
FOTA	Support
TR069	Planning
WIFI Mode	AP
WIFI Security	OPEN & WPA2-PSK & WPA-PSK/WPA2-PSK
SMS	Support
USSD	Support
APN Setting	Support
VPN Setting	Support
IPv4 & IPv6	Support
Data Statistics	Support
SIM Lock	Support

Others	
Package Contents	<ul style="list-style-type: none"> - Device*1 - Battery*1 - USB Cable*1
Environment	<ul style="list-style-type: none"> - Operating Temperature: -10°C~55 °C (14 °F~131°F) - Storage Temperature: -20°C~70 °C (-4 °F~158°F) - Operating Humidity: 10%~90% non-condensing - Storage Humidity: 5%~90% non-condensing