E402

Portable 4G Wireless Router

Product Introduction

The E402 is a high-performance portable wireless router developed for 4G network access, the device has a high-performance processor, which can deal with various network protocols and network data at a high speed, works at 4G to wired, 4G to WiFi and other operating modes, supports hardware watchdog and internet hot-backup and other practical features, people can get high-speed stable uninterrupted internet through our product.

The product can work with different 4G modules to access different operators' networks, it is applicable to dormitory, meeting room, hotel, store, and other home & commercial scenarios.
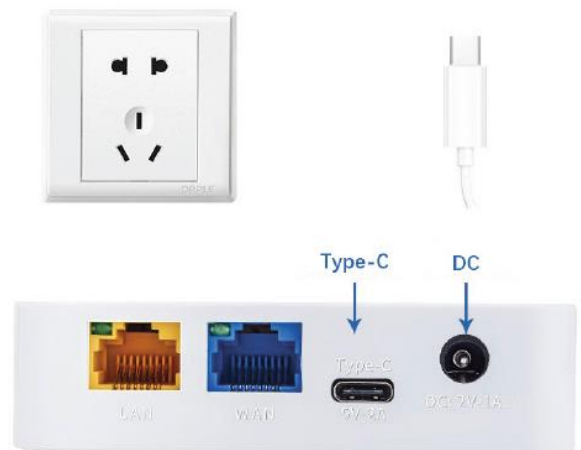

Flexible and Small factor

Compatible with 2G/3G/4G, supports 4G to wired and 4G to WiFi, plug and play, designed to meet the internet access scenarios like fast deployment required, network backup for emergency, hard to do wiring and mobile internet access, etc.

The shape of the enclosure is very small which makes it very portable, you can bring it wherever you go and deploy your internet access easily and fast…

Professional software & hardware design

Through dedicated design of hardware and software, our product can provide high quality service in various home & commercial scenarios, people can enjoy internet access any time anywhere with the portability.

- o Built-in high performance industrial module, compatible with 2G/3G/4G
- o Intelligent hot backup to ensure uninterrupted internet
- o Failure detecting (auto reboot), reboot on schedule
- o VPN client
- o Multi-power-supply method (DC / Type-C)

Product Specifications

CPU/Memory

CPU	MT7628NN
RAM	64
ROM	8M

4G

Standard	WCDMA R7, LTE R9
Compatibility	4G / 3G / 2G
4G rate	150Mbps / 50Mbps
Frequency (Optional)	CN - TDD LTE: B34/B38/B39/B40/B41, FDD LTE: B1/B3/B5/B8, WCDMA: B1/B5/B8 AU - TDD LTE: B38/B40/B41, FDD LTE: B1/B3/B5/B7/B8/B20/B28, WCDMA: B1/B5/B8 NA - TDD: LTE B38/B40/B41, FDD LTE: B1/B2/B3/B4/B5/B7/B8/B28/B12*/B17*/B66*, WCDMA: B1/B2/B4/B5/B8

WLAN

Standard	IEEE 802.11 b/g/n
Frequency	2.4 GHz
Radio mode	MiMo 2x2
Transmit Power	17±2dBm
Data rate	300Mbps
Sensitivity	11n : -70dBm@10% PER, 11g : -72dBm@10% PER, 11b: -88dBm@8% PER

Antenna

4G	Internal 5dBi 4G antenna x2
WiFi	Internal 3dBi 2.4 GHz antenna x2

Interfaces

Wire	1 x 10/100M RJ45 WAN port, 1 x 10/100M RJ45 LAN port
Card Slot	1 x SIM Card Socket
LED	1 x LAN, 1 x WAN, 1 x Wireless, 1 x 4G
Other	Reset Button x 1

Software

Operating mode	Bridge, Router, Wireless station, Wireless repeater, 3G/4G mode
Internet method	5G/4G, WAN (Static IP, DHCP client, PPPoE client)
Services	DHCP Server, DHCP Relay, DDNS
Network techniques	Port forwarding, DMZ, UPnP, VPN (L2TP/PPTP, Static routing

Security	IP filtering, MAC filtering, URL filtering, Port-scanning defense, SYN flooding attack defense
QoS	IP based

Physical

Dimension	88 x 88 x 24 mm
Weight	83.5 g
Mounting	Desktop

Power

Power supply	12V/1A DC , 5V/2A Type-C
Power source	100 – 240V AC, 50/60Hz
Power consumption (max)	12 W

Environmental

Operating temperature	-20°C ~ +55°C
Humidity	0 ~ 90 % (non-condensing)

Package contains

Router	1
12V 1A DC Adapter (optional)	1