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# Specification

Mode: TR100

Cloud SIM 4G LTE Router 2.4G Hz

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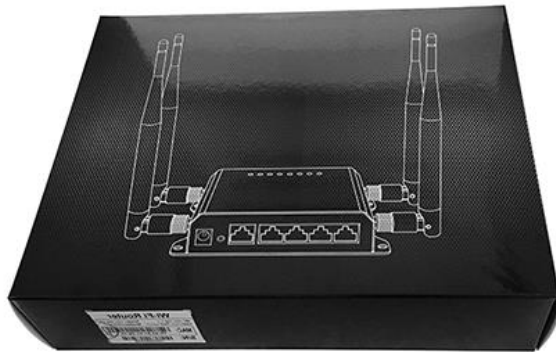
## Pictures











### **1. Simply Description:**

The E826 uses in the latest Mediatek MT7620A wireless solution, performs better and more function. Stable wireless performance, 2.4G 300Mbps. Also support 3G&4G (3G&4G PCIE mode is necessary). Provide 1 USB2.0 interface, 1 Micro slot.

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## 2. Product Feature:

- ◆ Support 802.11N/802.11G/802.11B network protocol, the max transmission rate could be 2.4G 300Mbps

- ◆ Support 802.113/802.11U protocol, 5\*10/100Mbps.Auto

### MDI/MDIX

- ◆ 1 USB 2.0 data interface

- ◆ 1 Micro SD Card Slot

- ◆ Support 3G&4G

- ◆ Many kinds of encryption to protect your data transmission.

## 3. Specification:

Hardware	
Main Chipset	MT7620A
RAM	DDR2 128MB (MAX DDR2 256MB)
SPI FLASH	16MB (MAX 32MB)
Protocol	IEEE 802.11n.IEEE 802.11g.IEEE 802.11b.IEEE 802.3u
RT Power	802.11b 18dBm±2dBm; 802.11g 15dBm±2dBm; 802.11n 15dBm±2dBm;
Reception Sensitivity	802.11b: -83dBm@10% PER 802.11g: -74dBm@10% PER 802.11n: -68dBm@10% PER
Work Channel	2.4GHz choose : 1-13
Wireless Rate	Max 300Mbps
Work Frequency	2.4GHz
Antenna	2*detachable 5dBi antenna

Interface	1*SIM card slot 1*USB 2.0 port 1*Micro SD card slot 1*10/100M WAN port (Auto MDI/MDIX) 4*10/100M LAN port (Auto MDI/MDIX)
LED	Power,PCIE mode ,2.4G,WAN,LAN1,LAN2,LAN3,LAN4
Button	Reset/WPS
Max Power consumption	< 12W
Dimension (L*W*H)	<b>141*85*26MM</b>
<b>Software</b>	
WAN Type	PPPoE.Dynamic IP. Static IP
Work Mode	AP; Router;
DHCP	Server, Client, DHCP Client List, Address Reservation
Port Forwarding	Virtual Server, Port Triggering, UPnP, DMZ
Firewall Security	Dos,SPI Firewall IP Address Filter/MAC Address Filter/ Domain Filter IP and MAC Address Binding
DDNS	Support
VPN Pass-Through	PPTP, L2TP, IPSec (ESP Head)
Band Ctrl	Support
Static Router	Support
System Log	Support
Other Function	Mac clone NTP Synchronize Web firmware upgrade
<b>Others</b>	
Work Environments	Operating Temperature: 0°C ~ 40°C; Operating Humidity: 10%~90% non-condensing Storage Humidity: 10%~90% non-condensing
Adapter	12V 1A
Authentication	<b>CE, FCC, RoHs</b>



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## FAQ

### What is Cloud SIM 4G LTE Router?

*Cloud SIM 4G LTE router built-in with a cloud SIM PCI-E modem, so that users no need to insert a physical SIM card. Cloud SIM card supports multi-carrier in one country. Take USA for example, the top 3 operators in US is Verizon/AT&T/T-mobile, you can only use one of the operator's network if you insert a SIM card into the router(Some routers support 2 SIM card, but means you have to buy 2 pcs of sim card ). Verizon coverage is the best, but price is the highest, T-mobile is cheaper, but the coverage is smaller. While could SIM router support all the operators in US, it will automatically switch to the best network based on your location.*

*All in all, keep you always connected, save your money.*



### How should I buy the data plan?

We offer 50GB/100GB/200GB per month, or any data plan as your request. We will offer you a portal to manage the routers.

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## What's my profit if I run this business?

Our Target is not selling routers to our partners, but to turn our customer to run mobile broadband business. This is a business which you can run for a long time and can get continuous income.

### **The business model:**

1, Rental business model. It is for short term use customers.

A, Charge customers for the device rental fee

B, Charge the monthly data fee.

2, Selling business model:

A, Customers buy the router.

B, Charge the monthly or annually data fee.

Data plan is flexible, 1 month, 6 months, 12 months. 20GB/30GB/50GB/80GB/100GB per month.