

4G/5G FWA Industry Catalogue



PARTNER LIST

Module

Fibocom



neoway



QUECTEL



Terminal

Atel



DUDAR



Esound



FROG



Lintron



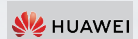
GOSUNCN



HAIOT



Huawei



MaxComm



MOBOT



NOTION



Tigercel



TOZED KANGWEI



Zhongmi Communication



Company Profile

Fibocom is the first stock-listed enterprise in the wireless module and solution industry in China (stock code: 300638). We are committed to enabling industries with reliable, accessible, secure, and intelligent wireless solutions and wireless module products to maximize their value, providing a perfect wireless experience to people and enriching smart life of the whole society. Fibocom provides innovative 5G/4G wireless modules and integrated wireless solutions for FWA applications. We have globally more than 1000 employees and deliver products and services in 100+ countries.

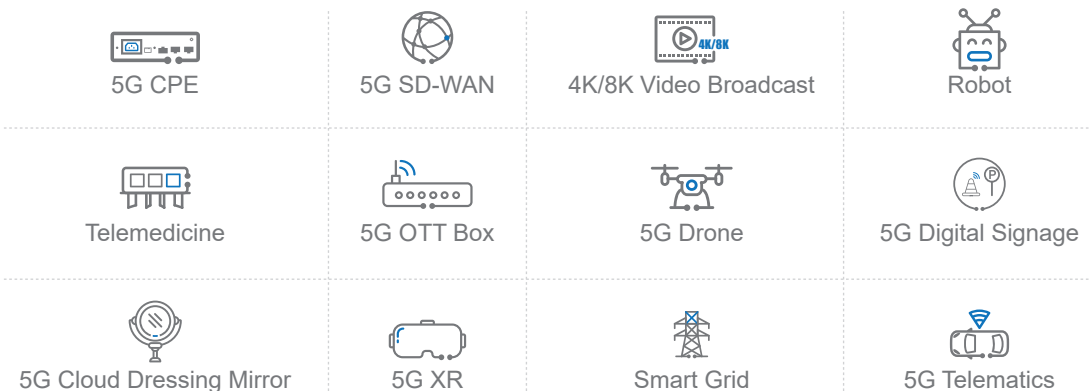
www.fibocom.com.cn
market@fibocom.com

Market Footprint

Global

Product Category

Fibocom FG150/FM150 5G Module and Application Scenarios



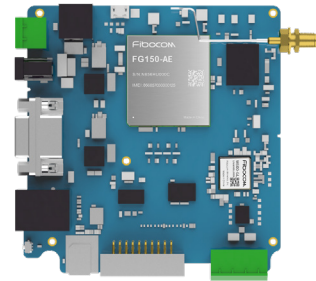
Fibocom 5G+Wi-Fi 6 Wireless Solution



W600

Fibocom Wi-Fi 6 Module

Chipset: QCA6391
 WLAN Frequency 2.4GHz/5GHz
 BT: 2.402GHz~2.480GHz BT protocol: BT5.1
 Footprint: LGA 21.5x19.5x2.1mm
 WLAN standard: IEEE802.11 a/b/g/n/ac/ax, 2x2+2x2, dual MAC
 Modulation: CCK, BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM
 Encryption: WPA3 Operator mode: AP, STA
 Timeline: 2020 Q3

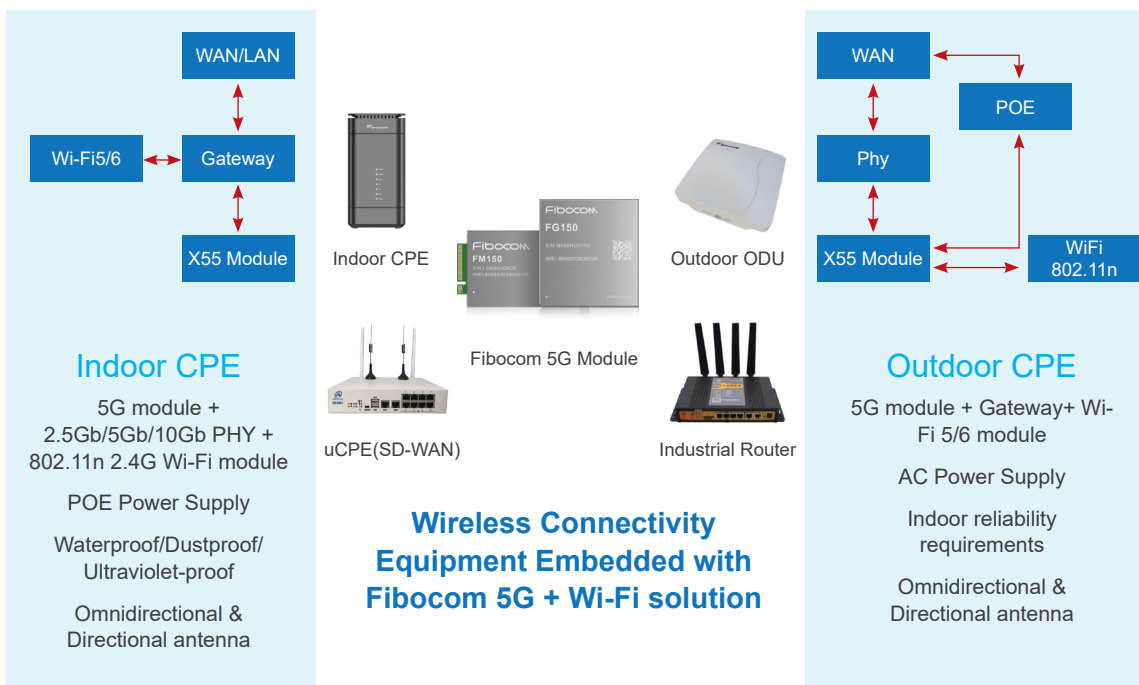


Fibocom 5G + Wi-Fi 6 Wireless Solution

Application Scenarios



CPE Embedded with Fibocom 5G modules



Company Profile

Neoway Technology Co.,Ltd., founded in 2006, is a hi-tech enterprise that is dedicated to providing communications products and related services for Industrial Internet of Things (IIoT).




















Our products include 2G/3G/4G/5G/NB-IoT/eMTC cellular modules, devices, neopipe cloud, and neaccess cloud, which are widely used in Smart Energy, IoV, Smart Manufacturing, Commercial Retail, Smart City, and other industries.

www.neoway.com/
sales@neoway.com

Market Footprint

Global

Wireless Modules

	N720  <ul style="list-style-type: none"> LGA Package 7-mode 30.0 x 28.0 x 2.8mm 				
	N75  <ul style="list-style-type: none"> LGA Package 7-mode 30.0 x 28.0 x 2.8mm 				
	N58  <ul style="list-style-type: none"> LGA +LCC Package Cat.1 30.0 x 28.0 x 2.8mm 	N1  <ul style="list-style-type: none"> LGA Package 7-mode/Android 40.0 x 40.0 x 2.8mm 	N10  <ul style="list-style-type: none"> LCC Package GPRS Quad-band 23.5 x 17.0 x 2.2mm 	N21  <ul style="list-style-type: none"> LGA Package NB-IoT 18.0 x 13.8 x 2.5mm 	G2  <ul style="list-style-type: none"> LCC Package GNSS 16.0 x 16.0 x 6.2mm
N510G  <ul style="list-style-type: none"> Unisoc 5GNR+LTE+W 42.0 x 40.0 x 2.3mm 	A70  <ul style="list-style-type: none"> LGA Package 7-mode 37.0 x 37.0 x 2.7mm 	S2  <ul style="list-style-type: none"> LGA +LCC Package 7-mode/Android 35.0 x 36.0 x 2.9mm 	N11  <ul style="list-style-type: none"> LGA Package GPRS Quad-band 15.8 x 13.8 x 2.4mm 	N25  <ul style="list-style-type: none"> LGA Package NB-IoT/GPRS 24.0 x 20.0 x 2.45mm 	G7A  <ul style="list-style-type: none"> LCC Package GNSS 10.6 x 9.7 x 2.2mm
N510M  <ul style="list-style-type: none"> M.2 Package 5GNR+LTE+W 52.0 x 30.0 x 3.8mm 	A90  <ul style="list-style-type: none"> LGA Package C-V2X 32.0 x 28.0 x 2.7mm 	S6a  <ul style="list-style-type: none"> LGA +LCC Package 7-mode/Android 41.0 x 45.5 x 3.0mm 	N51  <ul style="list-style-type: none"> LGA Package HSDPA 30.0 x 28.0 x 2.5mm 	N27  <ul style="list-style-type: none"> LGA Package NB-IoT/eMTC/GPRS 24.0 x 18.0 x 2.3mm 	G3  <ul style="list-style-type: none"> LCC Package GNSS 18.0 x 18.90 x 8.6mm
5G	4G	4G Smart	2G&3G	NB-IoT	GNSS

Neoway 5G Modules



 UNISOC

 M.2 package 52.0 x 30.0 x 3.8mm

 5G NR/LTE/UMTS

 SA/NSA



 UNISOC

 LGA package 42.0 x 44.0 x 2.3mm

 SeLinux/Secure boot

 SA/NSA



Dual-Package
M.2+LGA

Dual-Modes
5G SA+NSA

Dual-Security
seLinux
SecureBoot

Dual-Grade
Automotive/Industrial-Grade

Industry applications



CPE/
PAD



Industrial
Control

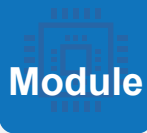


Smart
transportation



Smart
Grid

.....



Company Profile

Quectel is the leading global supplier of cellular and GNSS modules, with a broad product portfolio covering 5G, LTE/LTE-A, NB-IoT/LTE-M, 3G/2G, Wi-Fi and GNSS. As a professional IoT technology developer and cellular module supplier, Quectel is able to provide one-stop services for IoT cellular modules. Quectel products have been widely applied across IoT/M2M including for smart payment, telematics and transport, smart energy, smart cities, wireless gateways, industry, healthcare, agriculture and environment monitoring.

www.quectel.com
marketing@quectel.com

Market Footprint

Global

Quectel 5G NR Modules



RG500Q/RM500Q Series



- 5G/4G/3G multi-mode module with LGA/ M.2 form factors
- Supports Sub-6GHz Bands, NSA and SA modes
- Supports DFOTA, VoLTE and GNSS
- Rich interfaces: PCIe 3.0, USB 3.1, RGMII



RG801H Series



- 5G/4G/3G multi-mode module with LGA form factor
- Supports 5G NR Sub-6GHz Bands, NSA and SA modes
- Up to 18 interfaces: PCIe 3.0, USB 3.1, RGMII, SPI, PCM, etc.
- Powerful safety: TrustZone, Secure boot, etc.

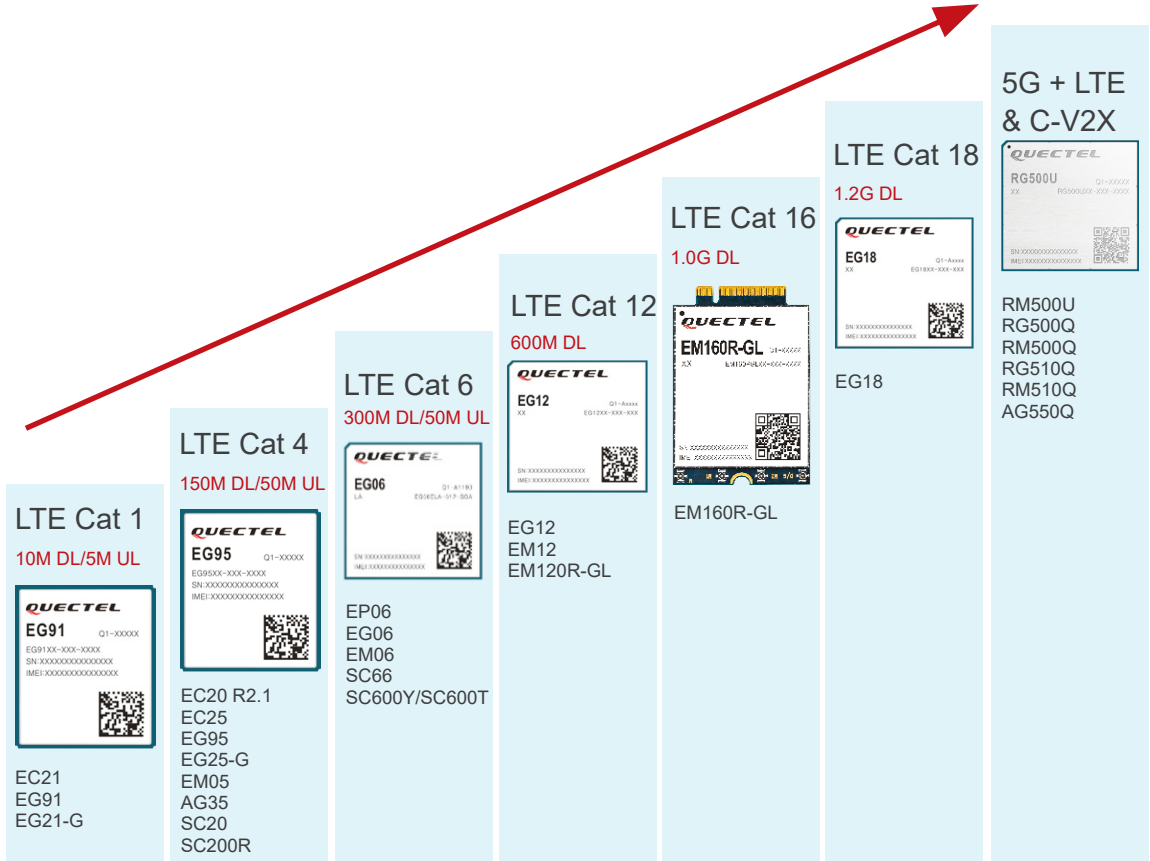


RG500U Series

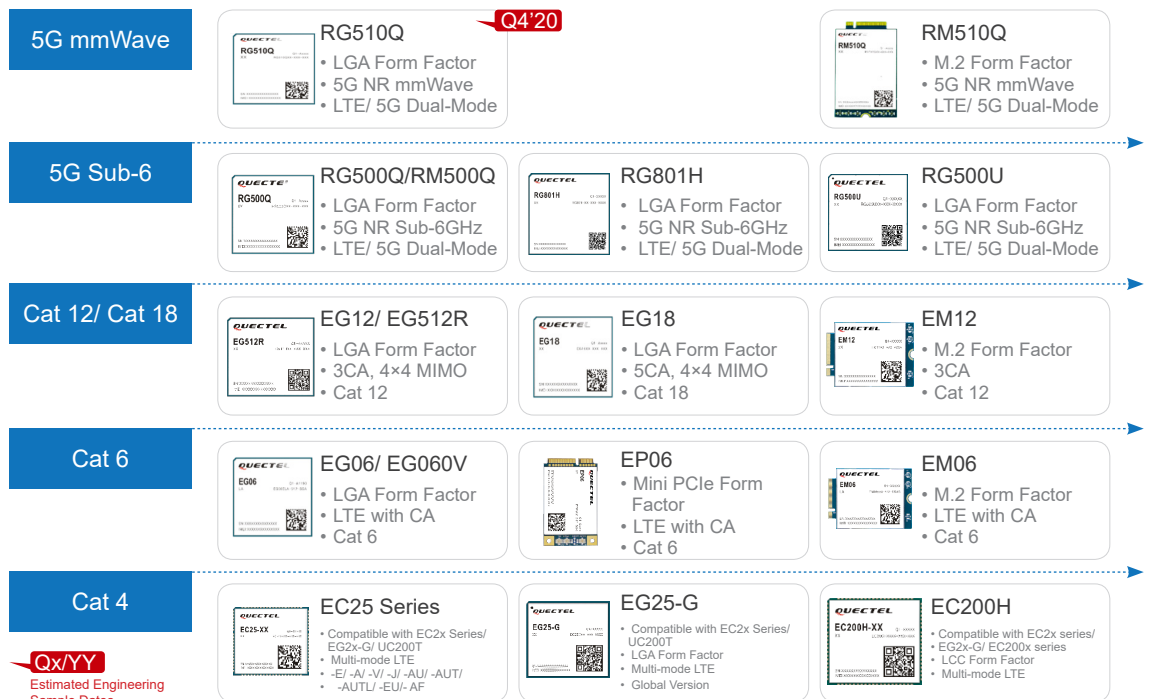


- 5G/4G/3G multi-mode module with LGA form factor
- Supports Sub-6GHz Bands, NSA and SA modes
- Supports DFOTA, VoNR, VoLTE, eSIM
- Rich interfaces: supports up to 4 external antennas, PCIe 2.0, USB 2.0/3.0

Constant Innovation in Cellular Modules



LTE-A/ LTE-A Pro/ 5G Roadmap





ATEL

Company Profile

Asiatelco Technologies Co. (ATEL) is the leading provider of wireless terminal products to its value customers worldwide. Its innovative products and solutions are widely used for reliable broadband access, IoT/M2M and voice communication with 4G LTE, 3G UMTS/EVDO and 2G CDMA/GSM wireless technologies. ATEL's sales and marketing are globally positioned. It has become globally well-known company in the wireless industry due to its excellent products, solutions and services. In addition to its wireless terminal products, ATEL also provide products and solutions for Smart Home/Appliances.

ATEL was established in 2003. Since its inception, ATEL has been growing steadily with its sales coverage over more than 50 countries. ATEL's business model is JDM/ODM for serving wireless operators and branded customers. With 14 years accumulated experiences, ATEL has built strong, effective and efficient team in R&D and manufacturing. Customers can always rely on ATEL team's performance. Quality, Flexibility, On-Time Delivery & Lower Cost are key successful factors at ATEL and the key for customers' satisfactory.

www.asiatelco.com
sales@asiatelco.com

Market Footprint

China, Japan, Philippines, Sri Lanka, Uzbekistan, UK, Germany, Poland, Denmark, Italy, Morocco, Tunisia, Ethiopia, South Africa, Nigeria, Brazil, USA, etc.

Product Category



Outdoor CPE

MiFi

AOL-PG Series



- 3GPP Rel 9/10
- Cat4/Cat6
- 195(L)*187(W)*78(H) mm
- IP67

AOL-J Series



- 3GPP Rel 9/Rel 10/ Rel 15
- Cat6/Cat12/5G
- 2CC/3CC
- MIMO 4X4
- 265(L)*265(W)*75(H) mm
- IP67

ALM-B Series



- 3GPP Rel 9, Cat4
- Wi-Fi 802.11 b/g/n
- 1.77" color LCD
- Power Key
- WPS Key
- Reset Key
- Micro USB Port
- SD Card Slot
- 2000mAh

ALM-W Series



- 3GPP Rel 10, Cat6
- 2CC
- Wi-Fi 802.11 b/g/n
- 1.77" color LCD
- Power Key
- Reset Key
- USB 2.0(Type-C)
- SD Card Slot
- 3000mAh

Indoor CPE

ALR-D Series



- 3GPP Rel 9, Cat4
- Wi-Fi 802.11 b/g/n
- 1xFE Ethernet Port
- Power Switch
- Rest Button
- LED Indication

ALR-PD Series



- 3GPP Rel 10, Cat6
- 2CC
- Wi-Fi 802.11 b/g/n/ac
- 4xFast Ethernet Ports
- Power Switch
- Rest/WPS Button
- LED Indication
- Remote Management
- WAN Failover

ALR-T Series



- 3GPP Rel 10, Cat6
- 2CC
- Wi-Fi 802.11 b/g/n/ac
- 4xGiga Ports
- USB 3.0(USB Storage)
- Power Switch
- Rest/WPS Button
- LED Indication
- SMA Connector for External Antenna
- Remote Management
- VPN/VLAN
- WAN Failover
- VoIP/VoLTE(Optional)

ALR-H Series



- 3GPP Rel 9/Rel 10/ Rel 15
- Cat6/Cat12/5G
- 2CC/3CC
- MIMO 4X4
- Wi-Fi 802.11 b/g/n/ac
- 2xGiga Ethernet Ports
- Power Switch
- Rest/WPS Button
- LED Indication
- Remote Management
- WAN Failover
- VPN/VLAN
- VoIP/VoLTE(Optional)

Company Profile

Shenzhen Dudar Co., Ltd. is focused on High-tech communications with wireless data transmission and terminal technology Enterprise, according to the requirements of customers hardware and software in the smart hardParts and back-office systems to provide solutions and customization service. The company is headquartered in Nanshan District, Shenzhen Science and Technology Park, at the same time with a research and development center in Shanghai.

Dudar products are mainly multi-mode LTE wireless data transmission module and wireless router, widely used in smart home, automotive, security, energy, medical, positioning and other fields.

DC8972 Outdoor CPE

Platform: ASR 1802S+RTL8197F



Size	242x110x75mm
Weight	<800g
Power	PoE 48V
Dissipation	≤15W
Maximum Output Power	LTE: 23dBm
Receive	WiFi: 27dBm
Lightning	LTE: -94dBm
Installation	LAN interface: ≥2.5KV
Antenna Gain	Pole mounting, wall mounting
Interface	LTE: ≥3dB WiFi: ≥3dB
Protocol	1x10/100M LAN interface 1xSIM Card interface
Frequency	LTE: 3GPP Release 9 WiFi: IEEE 802.11b/g/n
Sensitivity	LTE FDD: Band1: 1920~2170MHz Band3: 1710~1880MHz Band8: 880~960MHz WCDMA: Band1: 1920~2170MHz Band8: 0~960MHz: 88
	WiFi: -66dBm@MCS7/15(802.11n HT40) -70dBm@MCS7/15(802.11n HT20) -72dBm@54Mbps(802.11g non-HT20) -90dBm@11Mbps(802.11b CCK) -91dBm@6Mbps(802.11g non-HT20)

DC8974 Multi-mode indoor CPE

Platform: ASR 1826+RTL8197F



Support LTE Cat6 standard, the maximum downlink rate of 300Mbps

WIFI dual data stream concurrent 4x4 MIMO architecture

Specifications

Protocol	TD-LTE/LTE-FDD/WCDMA
Radio	TD-LTE Band38/Band39/Band40/Band41 LTE-FDD Band1/Band3/Band7 WCDMA Band1/Band2/Band5 WIFI 2.4GHz & 5GHz
Bandwidth	LTE:3/5/10/15/20MHz 802.11n:20/40MHz 802.11ac:40/80MHz
MIMO	WIFI:4x4 MIMO LTE DL: 4x2 MIMO
Peak Data Rate	TD-LTE/LTE FDD:Category6 EDGE:Class12
Interface	4*LAN (1*WAN) Support Web-GUI option
Size	190mm*35mm*165mm

DC8682 Indoor VoIP CPE

Platform: ASR 1802S+RTL8685P



Powered
12V DC power supply

Weight
NO more than 500g

Product main features

Built-in 2 5dB IEEE802.11n 2T2R wireless antenna
Four RJ-45 LAN ports (Ethernet 10/100 Base-T)
Two RJ-11 for FXS connectors
Real-time T.38 IP fax
SIP V2.0 (RFC 3261, 3262, 3263, 3264)
RFC2543-based backward compatibility technology
Session timer (RFC4028)
SDP (RFC2327)
RTP/RTCP (RFC823/903)

Indicator light

Power LED
Wifi LED
WPS LED
VoIP LED*2
LAN LED*4
USB LED*1
Internet LED*1
Network LED

size

90 mm (long)
35 mm width
165 mheight

2 RJ-11

for FXS interface

RJ45 x 4

1 WAN+3LAN
Which WAN support 10/100M

Company Profile

Founded in 2008, Beijing Esound Technology Co., LTD. is a leading MBB service provider. We are committed to bringing every person intelligent mobile and infinite life. We have software R&D center and product MiFi CPE. R&D center in Beijing, Shenzhen, customer service center along with cloud data center in Hohhot.

We have 16 years experience in R&D and industry applications of MBB, specializing in solving problems of various stages of Mobile Internet devices including connection ,management, service, operation etc. Our brand “Flymodem” “Huazheng Esound” have been the leading goats in the field of MBB, serving 60,000,000+ terminal customers and 20,000+ institutional customers.

Esound was rated as China's best platform for IoT applications.

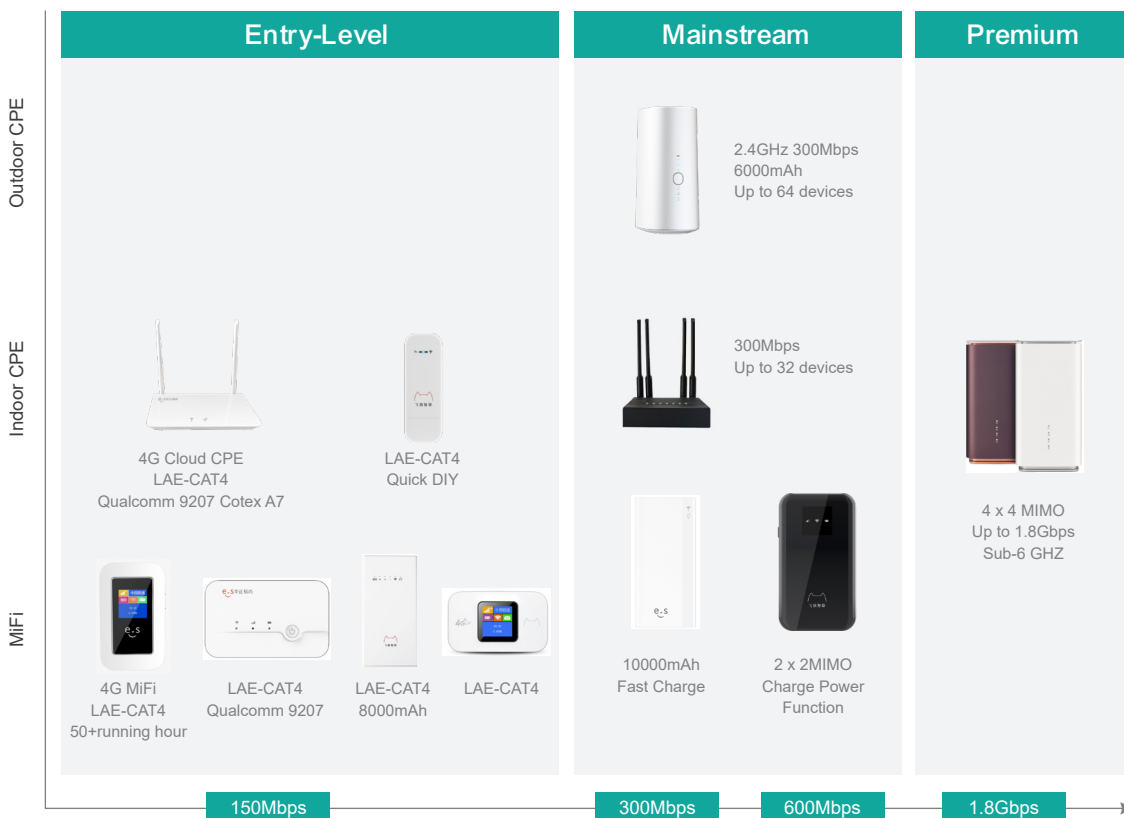
www.flymodemcn

lilw@flymodem.cn

Market Footprint

China, Russia, Ethiopia, Zambia, etc..

Product Category



MiFi

4G MiFi M6



- Size: 155 x 73 x 16.5mm
- Weight: 233g
- Battery: 10000mAh
- The only portable MiFi that supports fast charging power function

4G MiFi M5+



- Size: 128 x 71.8 x 16.7mm
- Weight: 145g
- WiFi MIMO: 802.11b/g/n 1*1
- Battery: 6000mAh
- Charging power function

4G MiFi M5+



- Size: 186x120x31 mm
- Weight: 270g
- No installation
- High concurrency: 10 devices

CPE

4G Cloud CPE M9



- Size: 186x120x31 mm
- Weight: 270g
- No installation
- Low power consumption

4G CPE M9



- High concurrency: 32 devices
- Four external antennas
- Transmission distance up to 30 meters indoor and 50 meters outdoor

4G CPE R102



- Battery: 6000mAh, up to 8 hours
- Two working modes: Power adapter (12V1A) + battery
- High concurrency: 64 devices
- The world's first antenna built-in cylindrical CPE with battery

Company Profile

Frog International started in 2009 designing and manufacturing Mobile Phones and other Communication Devices. Having R&D and Manufacturing Facilities in Shenzhen it was clear to build up Overseas Business through Hong Kong. Over the Years we have build up a successful range of products and we have build up a reliable channel based on Local Kings and Carriers. Recently we have added IoT products and Wearables to our existing Featur- and Smartphones. One of our key success was the continuous focus on Quality and ID (Industrial Design).

www.ifrogmobile.com
tom@ifrogmobile.com

Market Footprint

Argentina, Brazil, Mexico, Honduras, Colombia, El Salvador, Paraguay, Bolivia, Nicaragua, Guatemala, USA, Germany, France, Poland, Hungary, Greece, Bangladesh, Pakistan, Indonesia, Philippines, Malaysia, Vietnam.

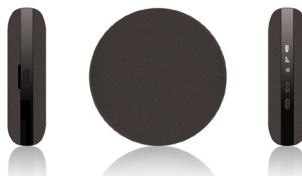
4G Indoor CPE/MiFi/UMI

4G CPE



- Size: 235 x 145 x 190 mm
- Cat 4, up to 150Mbps
- 802.11b/g/n 2x2 MIMO 2.4GHz
- Connect up to 32 Devices

4G MiFi



- Size: (R*H)Φ38.1 x 20.7mm
- Cat 4, up to 150Mbps
- 802.11b/g/n 1x1 MIMO 2.4GHz
- Connect up to 10 Devices

4G UFI



- Size: 100.28 x 34.3 x 12.28 mm
- Cat 4, up to 150Mbps
- 802.11b/g/n 1x1 MIMO 2.4GHz
- Connect up to 10 Devices

Company Profile

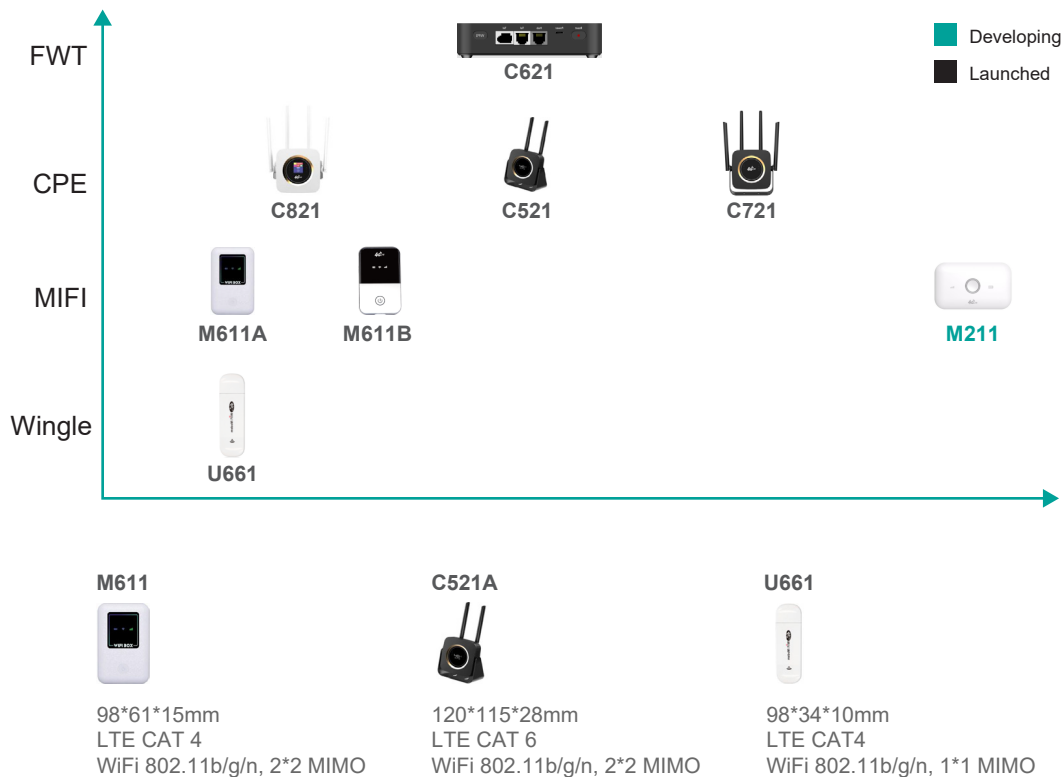
Lintron Communication Technology Co., Ltd. is a high-tech enterprise integrating research and development, supply chain, manufacturing, import and export of data communication terminals. The company has MTK, Spreadtrum, Qualcomm, ASR, GCT authorization. The company was founded by a group of passionate and experienced veterans. Most of its core members have more than 10 years of experience in the field of communications and have strong R&D and design capabilities. It can provide a complete set of mobile terminal solutions ranging from structure, hardware, software, testing, manufacturing to quality assurance.

sales@lintronmobile.com

Market Footprint

China, Philippines, Thailand, UK, Nigeria, South Africa, Nigeria, Kenya, Ethiopia, Oceania, Russian, Zambia

Product Roadmap



Company Profile

Hardware-centric IoT integrated solution provider

GosuncnWelink Technology Co., Ltd. (referred to as GosuncnWelink) is an IoT company under the Gosuncn Group (300098), focusing on Mobile broadband connection industry, providing professional fixed wireless access and mobile wireless products and solutions for global partners.

GosuncnWelink could provide 4G and 5G FWA products for MNOs and OEMs, including indoor CPE, outdoor CPE, MiFi, FWT and industrial gateway. In the past several years, GosuncnWelink has shipped more than 1,000,000 devices to global customers. We have established partnership with many MNOs in China, US, Latin America, Europe and Middle East etc. Our products are proven to be have high quality, security and good performance in global market.

The company was registered in 2011 and is headquartered in Shenzhen. It has R&D centers in Shenzhen and Xi'an. Set up branches/offices in Guangzhou, Shanghai, Hangzhou, Nanjing, Beijing, Chongqing, the United States, Hong Kong, etc. The company has more than 500 employees, 70% of them are R&D engineers.

www.gosuncnwelink.com
 yaoxinyu@gosuncn.com



Security
Expert



Reliable
Expert



Wireless
Communications Expert

GosuncnWelink Market Position and Partners

Chipset Vendor Partner

QUALCOMM® 5G Chipset

SDX55

Gosuncn is the first batch of OEMs to select Qualcomm SDX55 chipset for 5G FWA solution.



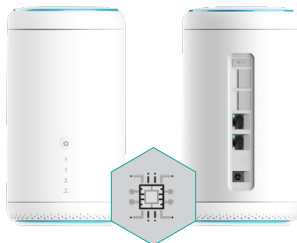
4G Chipset

ASR1802S

ASR1826



- Complete hardware integration capabilities
- Powerful and rich software capabilities
- Global regulations & Operator certification & Testing capabilities
- Reliable quality



GosuncnWelink module
Inside

MNO Customers



GosuncnWelink smart Broadband Product Portfolio

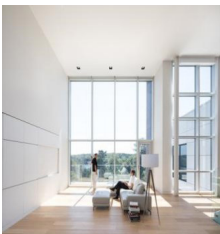


GosuncnWelink 5G FWA Product

5G indoor CPE



Technical specifications	
Colour	White
Frequency band	5G NR+LTE Sub6G 4G LTE FDD, TDD and WCDMA
Size	180*80*80mm
Weight	< 2Kg
Protocol version	3GPP Rel 15 5G NR
Output Power	23dBm
Antenna gain	6dBi, 4x4 MIMO
Wi-Fi standard	802.11b/g/n/ac
Powered by	24V, 1A
Physical interface	1*RJ11 Port 2*RJ45 Port 1*USIM/SIM Card Slot 8 LED Indicators
Characteristic	VPN Support L2TP & IPSec Firewall TR069 SNMP VoLTE or VoIP



5G Outdoor CPE



Technical specifications	
Colour	Silver
Frequency band	5G NR+LTE Sub6G 4G LTE FDD, TDD and WCDMA
Size	288*288*82mm (ODU)
Hardware interface	ODU: 1 Gigabit RJ45 LAN Port
LED indicator	Router: 8 LED ODU: 4 LED
Power supply	POE 24V/48V
5G NR speed	DL:2.1Gbps/ UL:500Mbps
MIMO	4*4
Carrier aggregation	4G LTE: up to 5CA 5G NR: 2CA
Wi-Fi	802.11b/g/n/ac/ax 2x2MIMO@2.4G&5G
Protection level	IP65 ODU





Company Profile

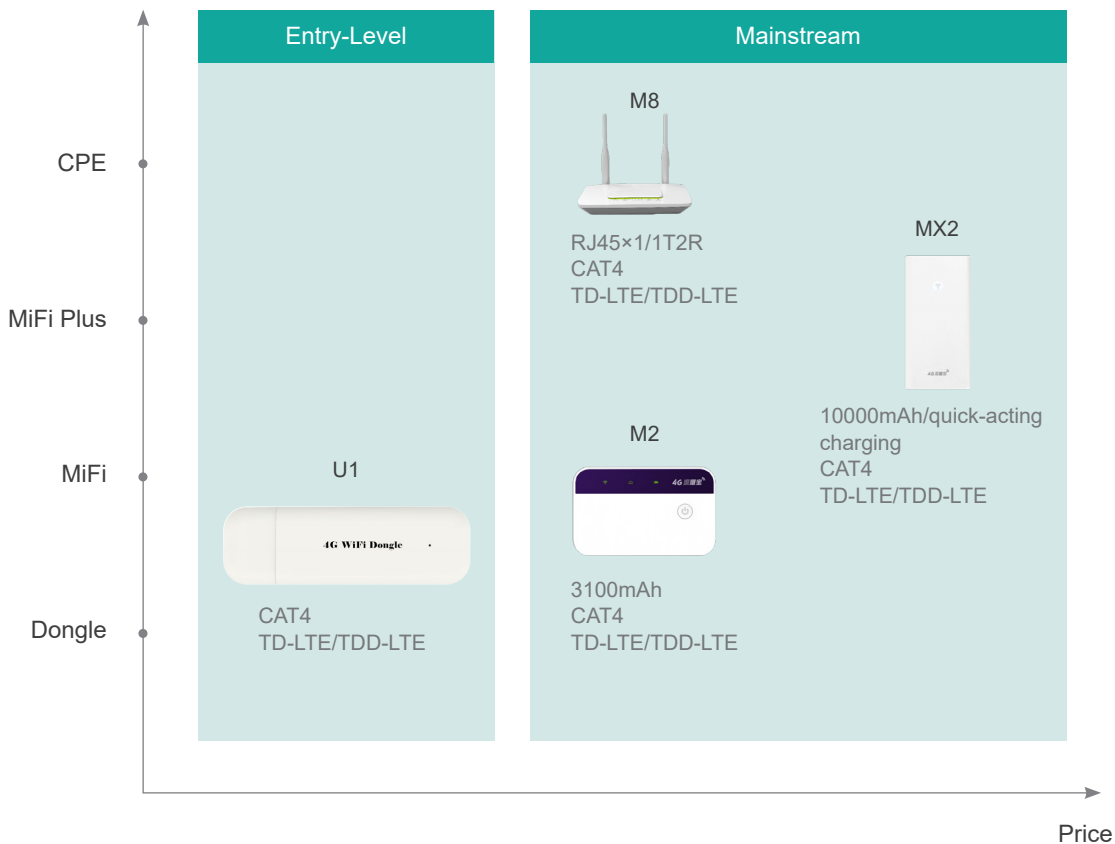
Haiiot Co., Ltd. specializes in MBB market terminal and platform research and development, providing customers with terminal products and users to establish and connect pipes and provide traffic services. The team is committed to the communication terminal, MBB market for 18 years, the largest domestic TD-SCDMA terminal solution provider. In the history of mobile network evolution, tirelessly provide low-cost terminal solutions for market expansion.

www.haiiot.com
qim@haiiot.com
lihh@haiiot.com

Market Footprint

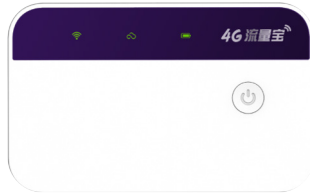
China

Product Category



Portability

4G MiFi



- Size: 106*66*14.9*mm
- LD-LTE/FDD-LTE
- CAT4, up to 150Mbps
- 3100mAh

4G MiFi Pro



- Size: 155mm*73mm*16.5mm
- LD-LTE/FDD-LTE
- CAT4, up to 150Mbps
- 10000mAh
- Quick-acting charging
- Type C

Home/Office

4G Dongle



- Size: 114 x 180 x 42 mm
- CAT4, up to 150Mbps

4G CPE



- Size: 186*120*31mm
- CAT4, up to 150Mbps
- RJ45×1
- Micro USB

Company Profile

Founded in 1987, Huawei is a leading global provider of information and communications technology (ICT) infrastructure and smart devices. We are committed to bringing digital to every person, home and organization for a fully connected, intelligent world. We have more than 194,000 employees, and we operate in more than 170 countries and regions, serving more than three billion people around the world.

Huawei has deployed FWA service on over 200 networks in more than 120 countries and regions, giving more than 55 million users access to stable, high-speed broadband services. We provide best user experience (even in Ireland rural area, the average speed exceeds 50Mbps) through most advanced technology (Massive MIMO, FDD 8T8R etc). And we have already deployed 5G Standard FWA network in UK, Germany, Switzerland, Saudi Arabia, South Africa, Philippines etc.

Market Footprint

China, Japan, Philippines, Sri Lanka, Thailand, UK, Germany, Switzerland, Ireland, Italy, Morocco, Egypt, South Africa, Nigeria, Brazil, Mexico, Argentina, Chile, etc.

Product Category



Outdoor CPE

4G CPE Lite



- Size: 114 x 180 x 42 mm
- CAT12, up to 600Mbps
- 4x4 MIMO, 2CC CA
- Quick DIY

4G B2368



- Size: Φ 125 x 240 mm
- CAT12, up to 600Mbps
- 4x4 MIMO, 2CC CA
- Optimization-free

5G WIN H312



- Size: 112 x 30 x 187 mm
- 2.33Gbps/650Mbps (@100MHz, full ratio)
- 256QAM
- Easy installation

Indoor CPE

4G B312



- Size: 125 x125 x25 mm
- Cat 4, up to 150Mbps
- 802.11b/g/n 2x2 MIMO 2.4GHz
- Connect up to 32 Devices

4G B628



- Size: 95 *95 *208 mm
- CAT12, up to 600Mbps
- 802.11b/g/n 2*2 MIMO 2.4GHz & 802.11a/n/ac 2*2 MIMO 5GHz

5G CPE Pro2



- Size: 178 x90 x94 mm
- 5G NR 453Mbps/230Mbps (@20MHz, SA FDD full ratio)
- 5G NR 1.65Gbps/250Mbps (@100MHz, SA TDD 8:2 ratio)
- 256QAM



Company Profile

Founded in 2003, MaxComm is a leading provider of Wireless Communication products for Global markets. With strong R&D capabilities, MaxComm can launch some new products up-to-date to meet market requirements. Thanks for its marketing team and local distributors' help, our products have reached some 30 countries worldwide. MaxComm main products portfolio included 4G/3G Fixed Wireless Phone/Terminal, 4G LTE CPE Routers(indoor/outdoor) and 4G/5G Industry M2M IoT Modem/Routers, etc. Some worldwide operators like Orange, MTN, Telefonica, Movistar, Claro, Telcel used to buy our products from time to time.

WWW.MAXCOMM.COM.TW

WWW.4GLTECPE.COM

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Market Footprint

China, Taiwan, Thailand, France, Italy, Spain, Morocco, South Africa, Cote'd Ivoire, Burkina Faso, Brazil, Mexico, Argentina, Chile, Peru, etc.

4G LTE FWP & 4G Outdoor CPE

4G FWP MW-63



- Size: 114 x 180 x 42 mm
- FDD-LTE: 150 Mbps
- DL / 50 Mbps UL
- 4 Color screen 2.8 inch 240x320
- Chipset SC9820E
- LTE CAT4, 3GPP R9

4G FWP MW-62



- Size: 200X165X52mm
- FDD downlink 75 or
- 150Mbps; uplink 50Mbps
- WiFi HotSpot 802.11b, g, n, 2.4G
- 3.5 inch LCD display 480x320
- Chipset Spreadtrum 9820W

4G OWR-101



- Size: 175 × 170 × 80 mm
- Cat.4, optional Cat.6
- Dual LAN ports, both POE
- Easy installation
- Built-in 4G+WiFi Antenna
- IP 67 Water-proof Industry grade

Indoor CPE

4G CPE WR-106



- Size: 195 x125 x60 mm
- Cat 4, 150Mbps DL (Cat.6 Optional)
- 802.11b/g/n & AC 2x2 MIMO 2.4GHz+5G
- Connect up to 32 Devices
- RJ-11 phone port
- RJ-45x 4

4G CPE WR-112



- Size: 180 *130 *50 mm
- CAT4, 150Mbps DL
- 802.11b/g/n 2*2 MIMO
- RJ-11 phone port
- Battery inside
- RJ-45 x 4

5G Industry CPE M-500



- Size: 155x105x25 mm
- 5G NR 453Mbps/230Mbps (@20MHz,SA FDD full ratio)
- 5G NR 1.65Gbps/250Mbps (@100MHz,SA TDD 8:2 ratio)
- 256QAM
- Support 50 WiFi Users
- Support dual-sim fail over



Company Profile

Founded in 2010, MOBOT Technology Co., Ltd. mainly focuses on the design, development and production of mobile terminal products and intelligent network equipment. Headquartered in Shenzhen, it has 80 R&D personnel and a production and processing plant in Yibin.

FWA's product line currently focuses on the development of ASR platform and has rich experience in R&D and service. The product line focuses on medium and low-end.

Good cooperation with local King and operators in Latin American countries such as Telcel, Claro and Altan, and Asian operators Such as Axiata Group(Dialog), African operator MTN, Russian operator MTS, TELE2, etc.

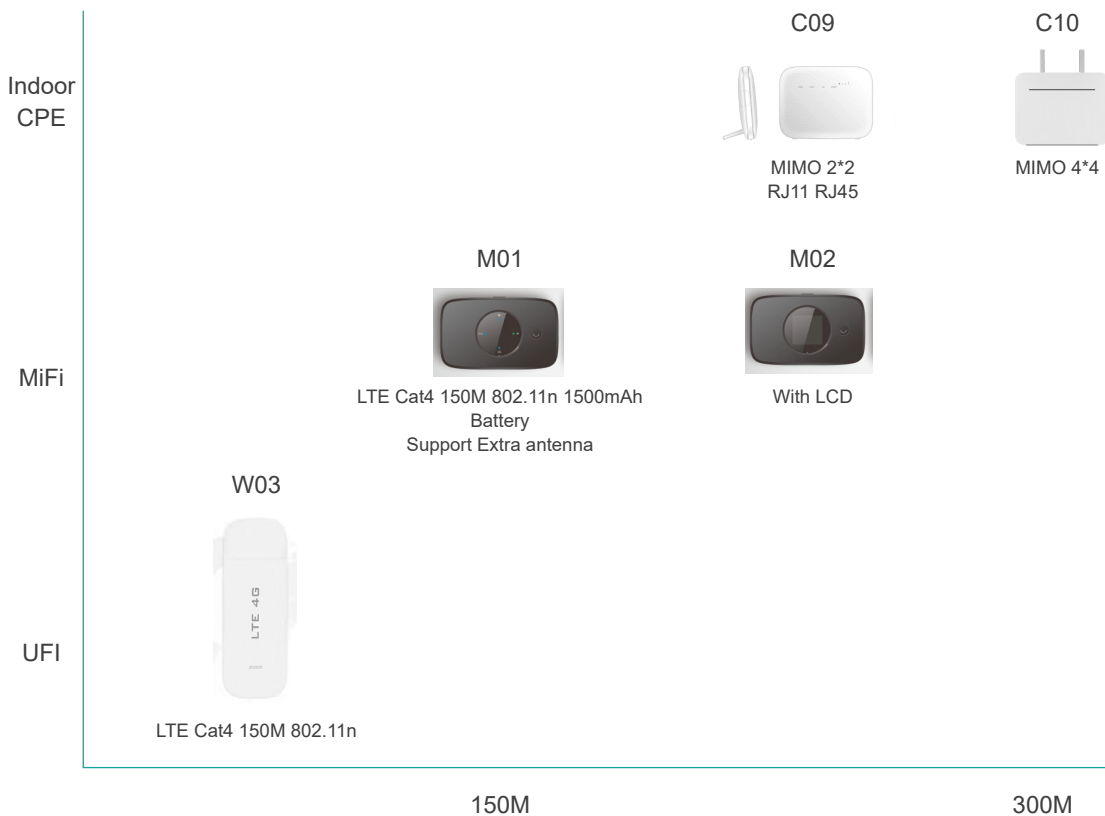
ray@mobotmobile.com

cathy@mobotmbile.com.

Market Footprint

Mexico, Chile, India, Indonesia, South Africa, Russia, Srilanka, etc

Products Category



UFI & MiFi

4G W03



97mm(L) x 33mm(W) x 10mm(H)

1. Max 10 Users
2. Support MAC and IP filtering
3. DHCP client / server
4. Support SSID and channel settings
5. Provides WEP, WPA- PSK, WPA2- PSK, WAPI encryption methods
6. Software locking

4G M01



LED

4G M02



LCD

99mm(L) x 60mm(W) x 15mm(H)

1500mAh battery

Support Extra antenna

1. Max 10 Users
2. Support MAC and IP filtering
3. DHCP client / server
4. Support SSID and channel settings
5. Provides WEP, WPA- PSK, WPA2- PSK, WAPI encryption methods
6. Software locking

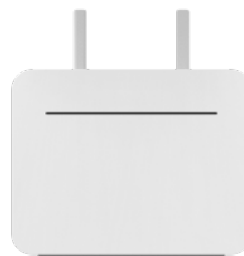
Indoor CPE

4G C09



- 127.3*113.8*43.3mm
- Cat 4, up to 150Mbps
- 802.11b/g/n 2x2 MIMO 2.4GHz
- Connect up to 32 Devices

4G C10



- 210*165.5*53 mm
- Cat 6, up to 300Mbps
- 802.11b/g/n/ac 4*4 MIMO 5GHz
- Connect up to 32 Devices



Company Profile

Shanghai Notion Information Technology Co.,Ltd. has been a professional provider of LTE user equipment since its founding in 2010. Our experienced team of engineers have performed well on R&D and field supports, providing 4G Mobile data solutions to more than 50 countries. Dedicated to long-term cooperation with enterprises worldwide, our client-oriented policy has been always highly valued. With the constant support of our clients, we're stepping steadily along the boulevard of 4G.

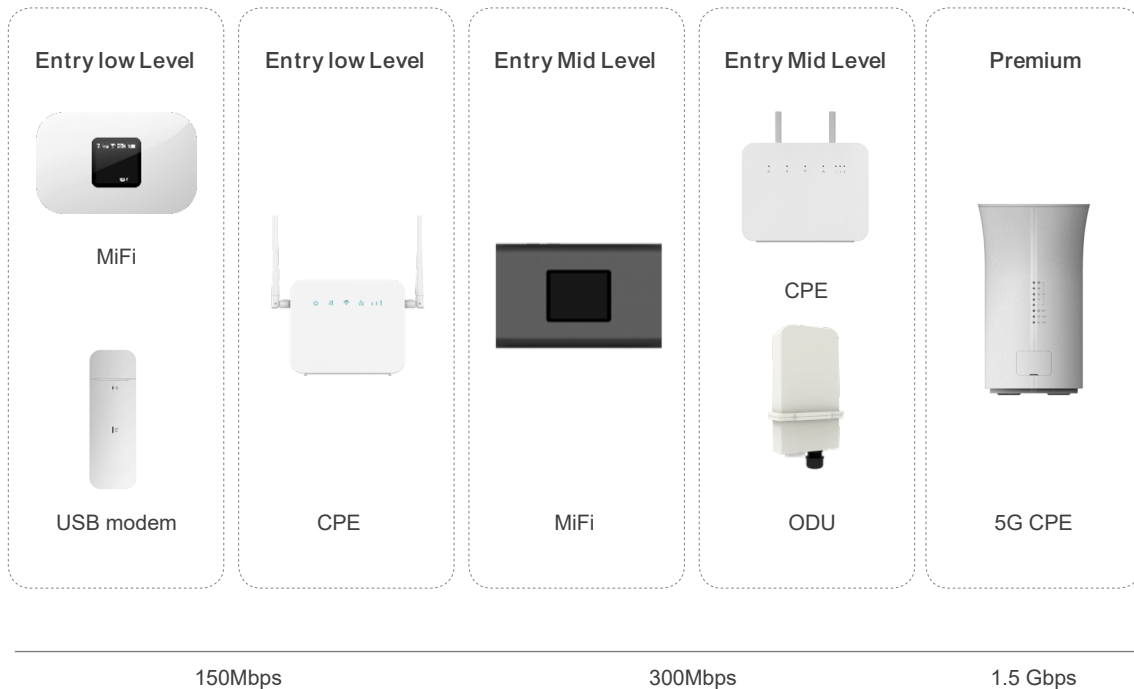
www.notioni.com/#/products

sales@notioni.com

Market Footprint

China, Philippine, Thailand, Indonesia, Malaysia, Cambodia, Myanmar, South Africa, Nigeria, Russia, Kazakhstan, Ukraine, Cameroon, Ghana, Malawi, Uganda, Tanzania, etc.

Products Category



Indoor CPE

4G P05



Size: 134.8×100.2×26.3mm
Cat 4, up to 150Mbps
802.11 b/g/n 2.4GHz
Connect up to 32 Devices

4G P28



Size: 210×165.5×53mm
Cat 6, up to 300Mbps
802.11 b/g/n/ac 2.4GHz & 5G
Connect up to 32 Devices
VoLTE & VoIP

Indoor CPE

5G P52



Size: 197×115×115mm
5G NR: n1/n2/n3/n7/n41
/n66/n77/n78/n79
802.11 b/g/n/ax

Outdoor CPE

4G U26



Size: 235.7×120.9×75.6mm
Cat 6, up to 300Mbps
802.11 b/g/n 2.4GHz
Connect up to 32 Devices



Company Profile

Founded in Oct, 2011, with constantly efforts, Tigercel is a software and high-tech company which owns a number of independent intellectual property rights. The company is in the communications and IoT industry and is engaged in the development, manufacturing, sales, and service of network communication access equipment, intelligent hardware, IoT devices and solutions. The Products and communication solutions it provided currently have been used in over dozens of countries and regions. "Innovation changes life" is always the concept Tigercel sticking to.

Tigercel provides customers with the overall solution of IoT innovation application, and also provide mobile Internet's overall operations and services for their own products' APP. The products are mainly for domestic telecom operators, overseas operators and overseas B2B2C brands or channel markets, as well as domestic B2B and B2C retail markets. Tigercel relies on and utilizes independent research and development technology and management advantages to obtain revenue and profits through equipment sales, software technology development, operations and services.

www.tigercel.com

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Product Briefing

Fishing Vessel Satellite Intelligent Router



STC Router



4G/5G CPE



4/5G industry application Router



4/5G Router



4G/5G CPE



Company's Independent Intellectual Property Rights



•25counts of software copyright
•126 trademark

•2 appearance design patent certificate
•2 invention patent certificate

•11 is applying for acceptance

Many Powerful Partners





Company Profile











Tozed Kangwei is a pioneer of 5G/4G CPE provider, which was founded in Feb 2002 with registered capital 12 millions USD and 24 provinces branch offices all over China. Our main business is 4G / 5G ubiquitous IoT terminal and system equipments, artificial intelligence & industry applications, etc. We have a core team with more than 17 years experience in R&D, sales and service of communication equipment. We have rich experience in providing equipment and system solutions for telecom operators. Our products export to overseas 60+ operators, serving more than 5 million people all over the world. Our products are not only used to solve broadband access for home users, but also to facilitate data access for industry users. We aim to become a leading high-tech enterprise in 5G field and artificial intelligence.

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Market Footprint

China, Sri Lanka, Philippines, Thailand, Cambodia, Mexico, Colombia, Brazil, Argentina, South Africa, Nigeria, Zambia, Côte d'Ivoire, etc.

Product Category—CPE

CPE						
5G	<p>X11 Outdoor</p>  <p>Data+Voice (VONR/VOLTE/VOIP)</p>	<p>X21 Indoor</p>  <p>Data+Voice (VONR/VOLTE/VOIP)</p>				
	<p>S12</p>  <p>Cat6/Cat4 Data+Voice 2000mAh Battery(optional)</p>	<p>P12</p>  <p>Cat6/Cat4 Data+Voice 2000mAh Battery(optional)</p>	<p>S11</p>  <p>Cat4 DataVoice 2000mAh Battery(optional)</p>	<p>S10</p> 	<p>S30</p> 	<p>P25</p> 
4G	<p>P11 Outdoor</p>  <p>Outdoor Data+Voice</p>	<p>P59</p>  <p>Industrial Router</p>				

Product Category—Others

Others	FWP	MiFi & Others
5G	Coming soon ~	<p>Dongle X02</p>  <p>Data 3.7V/2000mAh Battery</p>
4G/3G/2G	<p>M60A M60M V10S</p>  <p>CPE+Phone 7.4V/2000mAh Battery(optional)</p>	<p>MiFi M30</p>  <p>Data 3.7V/2000mAh Battery</p>
3G/2G	<p>6834C G20</p>  <p>CPE+Phone 3.7V/700mAh Battery(optional)</p> <p>CPE+Phone 3.7V/1000mAh Battery(optional)</p>	<p>Supervising & Locating Bracelet</p>  <p>IP 68 Water and Dust Proof Multi-platform monitoring Multiple positioning methods (Beidou/GPS+WiFi+LBS) 800mAh built-in battery, long standby time (5-7 days)</p>

Key Account





Company Profile

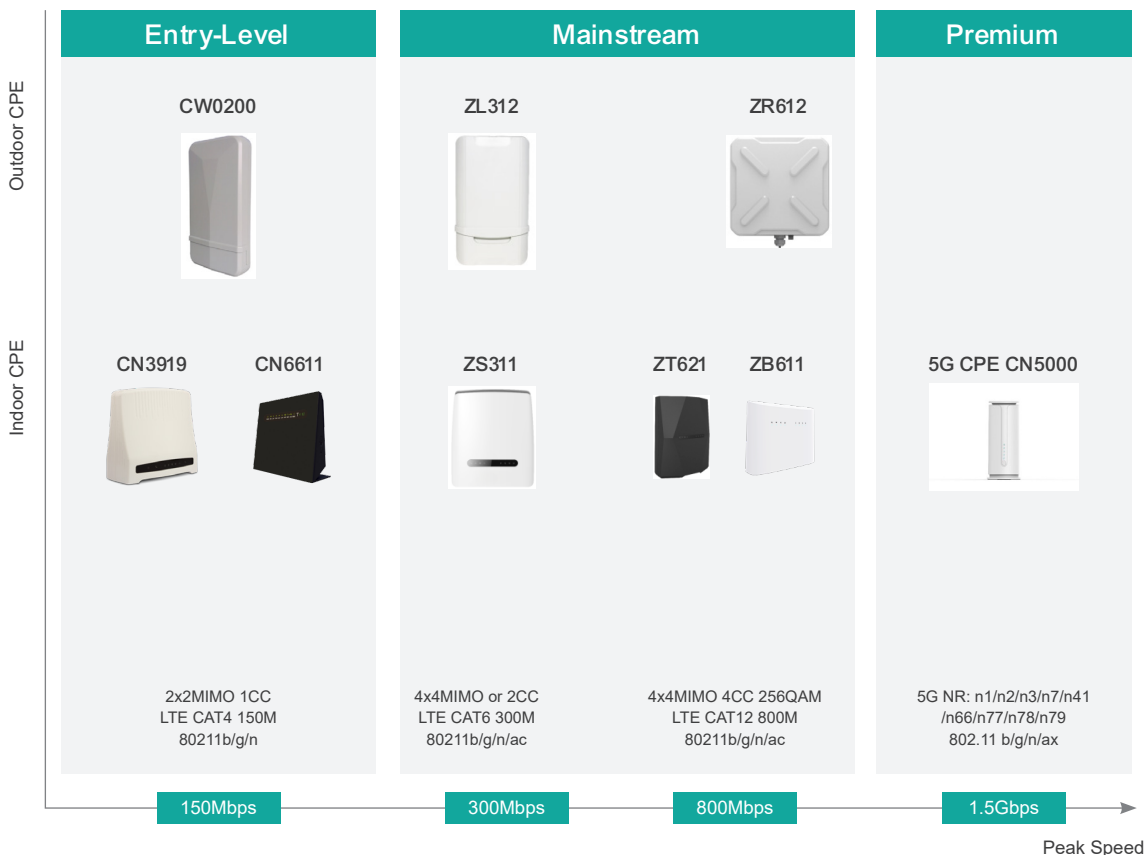
ZMTEL is a startup founded in Shanghai in 2011. We have about 150 employees including 120 engineers. Our main business was WiMAX at the beginning and in 2015 we started to develop 4G CPE. Up to now, we're able to provide 4G CPE from CAT4 to CAT 12 with multiple bands based on diverse chipset platforms. There're more than 50 telecommunication carriers all over the world working with ZMTEL 4G CPE. ZMTEL is in tier I in terms of non-Qualcomm CPE manufactures. ZMTEL 5G CPE will be ready in Q4 2020 for testing and launch in the market in Q1 2021.

www.zmtel.com
marketing@zmtel.com

Market Footprint

China, Philippines, Thailand, Jordan, France, Italy, Spain, UK, Macedonia, Czech, Slovakia, Poland, Brazil, Peru, Canada, USA and etc.

Product Category



Outdoor CPE

CW0200



Size:

- CAT4, up to 150Mbps
- 1CC
- Built-in 2 directional antennas
- 450M~3.8GHz Supported

ZL312



Size:

- CAT6, up to 300Mbps
- DL 2CC or 4x4MIMO
- Built-in 4 directional antennas
- 3.5GHz supported

ZR612



Size:

- CAT12/13, up to 800Mbps
- DL 4CC 256QAM
- UL 2CC
- High gain directional antenna
- LTE-U supported(Up to 5.8GHz)

Indoor CPE

CN6611



Size:

- CAT4, up to 150Mbps
- 802.11b/g/n
- 2x2 MIMO@2.4GHz
- VoIP/VoLTE Support

ZS311



Size:

- CAT6, up to 300Mbps
- 802.11b/g/n/ac
- 2x2 MIMO@2.4GHz&5GHz
- USSl/VoIP/VoLTE Support

ZT621



Size:

- CAT12/13, up to 800Mbps
- 802.11b/g/n/ac
- 2x2 MIMO@2.4GHz&5GHz
- USSl/VoIP/VoLTE Support

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