

Corporate Presentation

Stock Code: 300638

Fibocom

Fibocom: Leading Global Provider of IoT Wireless Solutions and Wireless Modules

We are committed to enabling industries with reliable, accessible, secure, and intelligent IoT 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.



20+Years

IoT Pioneer
Founded in
1999



\$397 ²⁰²⁰

Million Revenue
\$41 million
Net Profit



60%

R&D Staff
Global 1000+ Employees



First

Stock Listed in
China
Stock Code:
300638



Fortune 500

Global
Fortune 500
customers



Global Operation

HQ: Shenzhen, China
Business in
100+ Countries

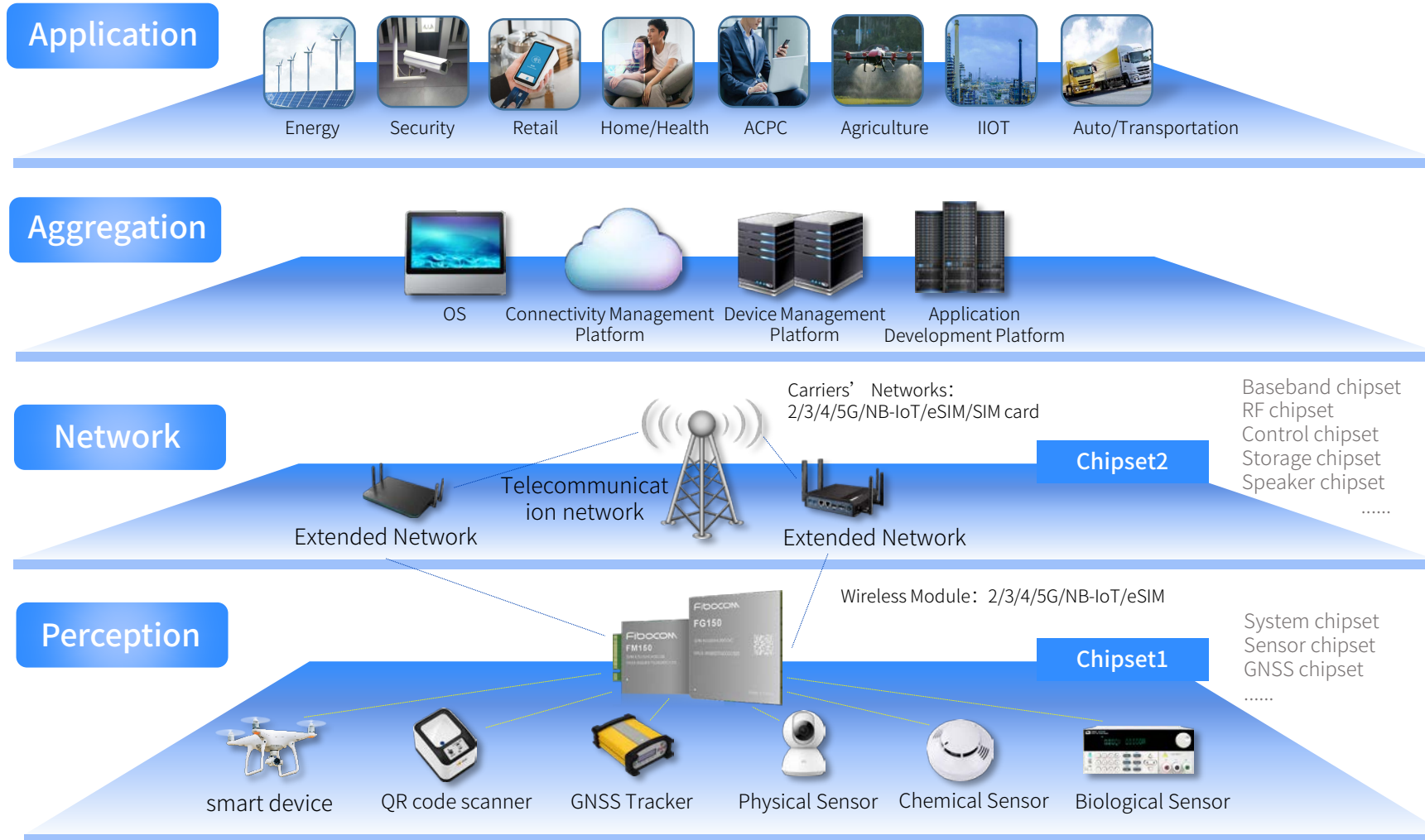
Globalized Positioning and localized Operation

3000+customers in 100+ countries.

1000+employees of multiple nationalities.



Internet of Things Architecture





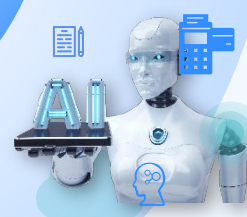
Secure, reliable and responsive



Extreme speed and capacity



Extreme density, low power, low cost



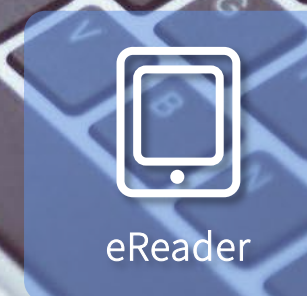
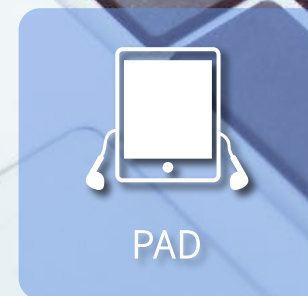
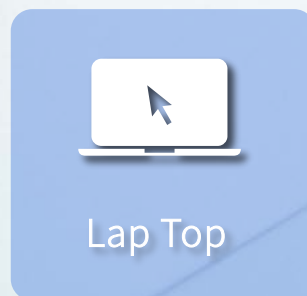
Artificial Intelligence,
Machine Learning,
Smart POS



ACPC



Keep being connected
anytime, anywhere
Super-high-speed
experiences of on-line
conferences and large-size
data transmission

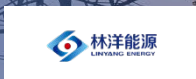


Retail



Creating a grab-and-go
shopping experience
Dispensing with cost of
salesperson, big store space
Enabling remote maintenance

Energy



Enabling smart meters
(water/electric power/gas/heat)
Real-time monitoring, analyzing
and controlling on line
Enabling smart terminals in the
integrated smart grid system
requiring URLLC



Smart Grid



Smart Water
Meter



Electricity
Power



Smart Gas
Meter



Heat Meter



photovoltaic

Security

海康威视
HIKVISION

dahua
TECHNOLOGY

uniview

Seculink
狮安联讯

Enabling integrated security control system with combined technologies of cellular wireless, AI, cloud computing, and big data for real-time image data collection, analysis and remote security control



IPC



POC



Police Camera



AI Access Control



Smoke Alarm



Remote Surveillance Drone

Automotive & Transportation



Enabling telematics application and 5G-V2X intelligent connected vehicles to achieve highly coordinated “people-Vehicle-Road-Cloud” and help transform gradually from DA, PA, CA to autonomous drive



Industry IoT



Enabling smart factory MEC applications, high-resolution IP camera, and 5G AGV to facilitate machine control at the edge, predictive maintenance, and real-time data transmission for flexible production



Industrial DTU



Smart AGV/IGV



Industry Router



Industry Gateway



Industrial CPE



Warehouse Management



Flexible Production



Predictive Maintenance

Home



Haier

The wireless module combined with AI technology enables the household products to work automatically for people entertaining, home security keeping, and housework



OTT Device



Home CPE



Home Router

Smart Household Product



Smart Air
Conditioner



Smart
Washer



Sweeping
Robot



AI
Speaker

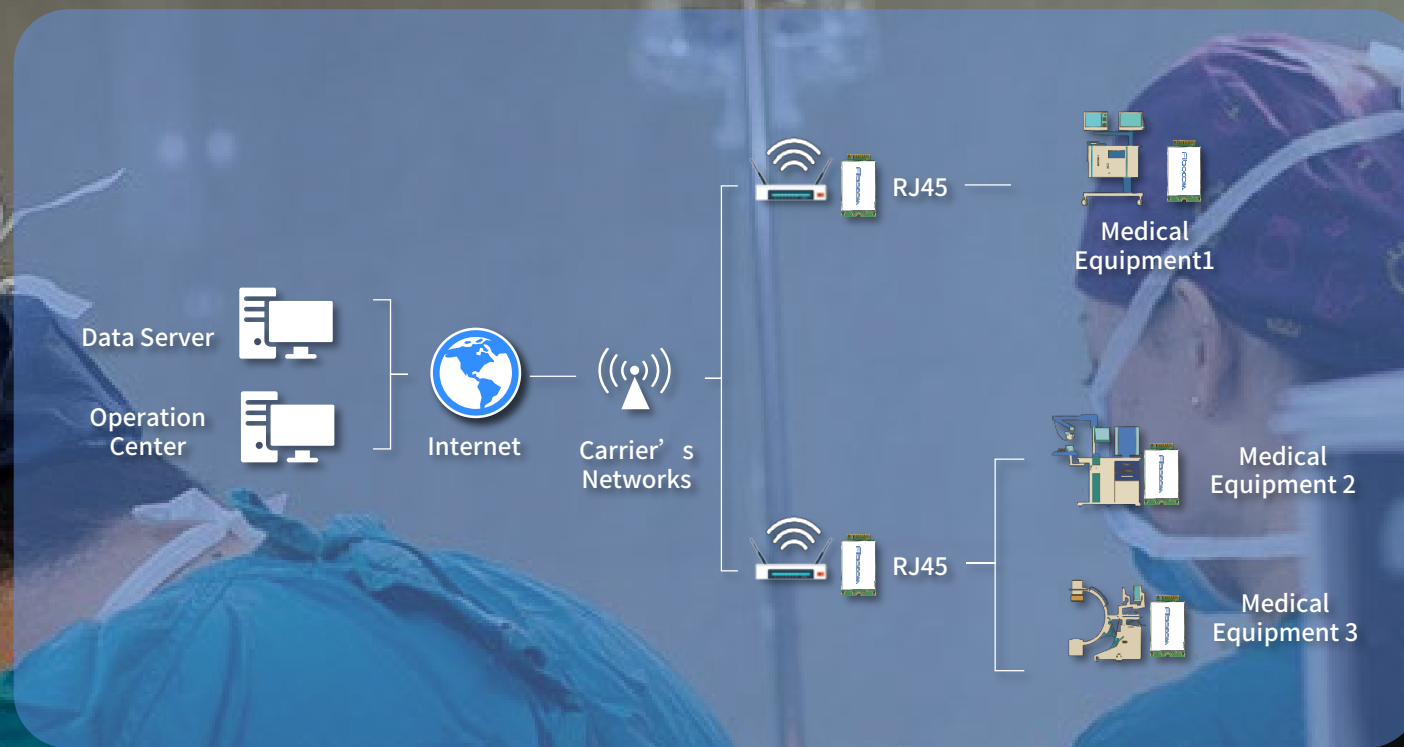


Connected
TV



Smart Lock

Telemedicine



Real-time data transmission

Remote Patient Monitoring

Teleconsultation



Smart Blood
Pressure Monitor



Remote Vital Signs
Monitoring Equipment

Agriculture



Farmland
Monitoring



Agricultural
Machinery
Positioning



Traceability of
Agricultural
Products



Breeding
Monitoring



Hunting
Camera

Precise, intelligent and
refined agriculture
Fine and unmanned breeding
Autonomous agricultural
driving

Smart Cities



Smart infrastructure

Smart environment monitoring

Smart energy management

Smart waste management



Smart
Charging Pile



Smart Parking
System



Cold Chain
Logistics



Smart
Lighting



Environment
Monitoring



Trash Bin
Remote
Surveillance

5G

Transform the Society



4K/8K Video
Broadcast



Smart
Factory



Robot



Telemedicine



5G Billboard



5G Drone



5G Digital
Signage



5G OTT Box



5G Cloud
Dressing Mirror



Smart Grid



5G CPE



5G XR



5G Cloud
Game



ACPC



C-V2X

Fibocom Wireless Modules Mapped under 5G

MBB

Heavy compute on cloud
5G NR, LTE Cat 4- 20 modules



MTC

Light data, Light compute
LTE Cat 1, Cat M, NB-IoT, 3G, 2G Modules

FIBOCOM
Products Mapped under 5G

RLLC

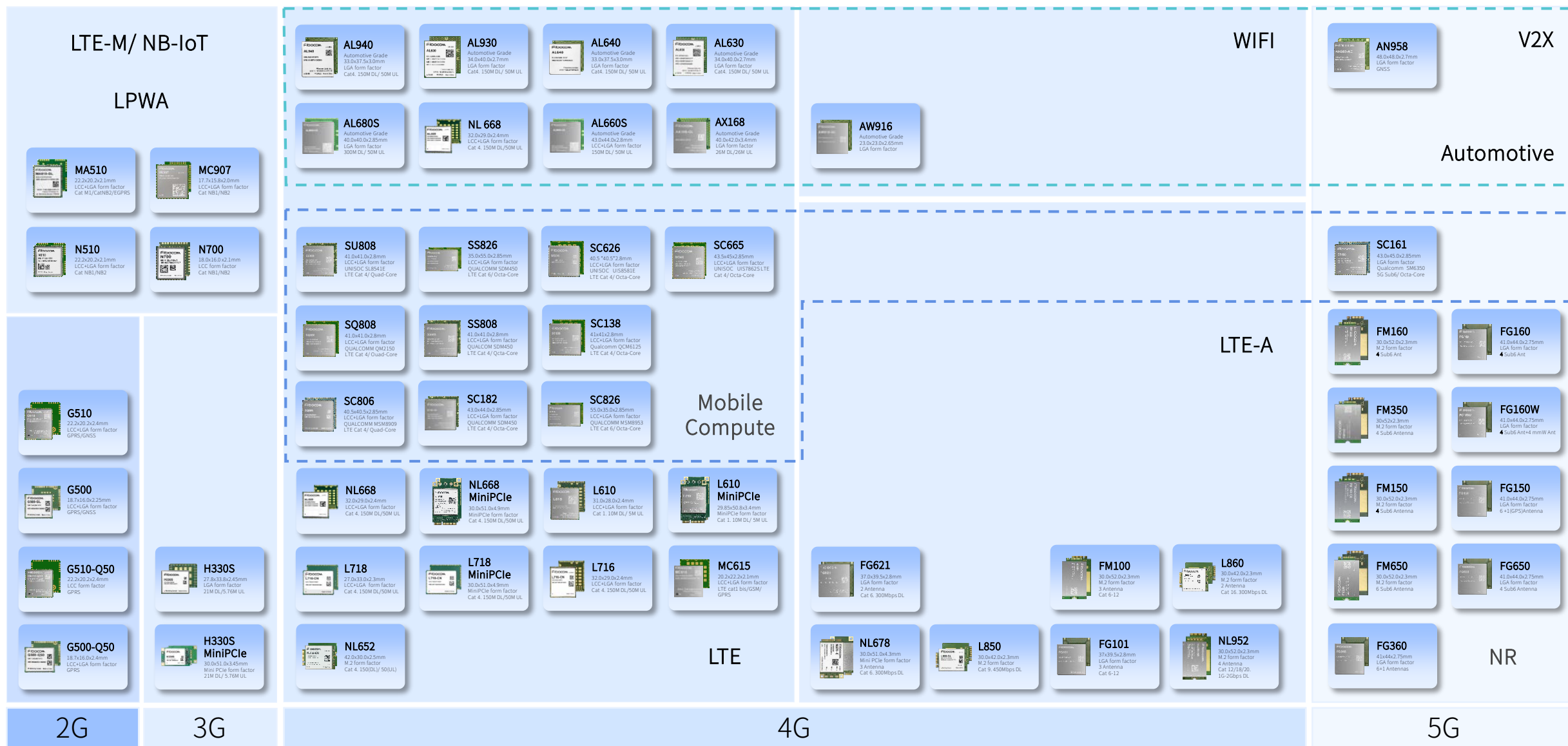
Compute on gateway
Automotive modules



Mobile Compute

Compute on device
Smart Modules

Fibocom Wireless Modules Overview



5G NR



FG150

41.0x44.0x2.75mm
LGA form factor
6 Sub6 Antenna



FM150

30.0x52.0x2.3mm
M.2 form factor
6+1 (GNSS) Sub6 Antenna



FG160

41.0x44.0x2.75mm
LGA form factor
4 Sub6 Ant



FM160

30.0x52.0x2.3mm
M.2 form factor
4 Sub6 Ant



FG650

41.0x44.0x2.75mm
LGA form factor
6 Sub6 Antenna



FM650

30.0x52.0x2.3mm
M.2 form factor
4 Sub6 Antenna



FG160W

41.0x44.0x2.75mm
LGA form factor
4 Sub6 Ant+4 mmW Ant



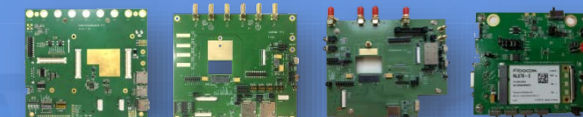
FG360

41.0x44.0x2.75mm
LGA form factor
6 Sub6 Antenna



FM350

30.0x52.0x2.3mm
M.2 form factor
6+1 (GNSS) Sub6 Antenna



EVK for FG150/NL95X

EVK for FM150

EVK for L8XX

EVK for L678



Always Connected PC



CPE



AI



Livestream Drone



4k/8K video



Telemedicine



AR/VR



Live Broadcast

MBB

LTE Cat 20	 NL952 30.0×52.0x2.3mm M.2 form factor 4 Antenna 2Gbps DL
LTE Cat 18	 NL952 30.0×52.0x2.3mm M.2 form factor 4 Antenna 1.2Gbps DL
LTE Cat 16	 L860 30.0×42.0×2.3mm M. 2 form factor 1Gbps Mbps DL
LTE Cat 12	 NL952 30.0×52.0x2.3mm M.2 form factor 4 Antenna 600Mbps DL  FG101 37.0×39.5x2.8mm LGA form factor 4+1 (GNSS) Antenna 600Mbps DL  FM100 30.0×52.0x2.3mm M.2 form factor 4+1 (GNSS) Antenna 600Mbps DL



-  Always Connected PC
-  CPE
-  AI
-  Livestream Drone
-  4k/8K video
-  Telemedicine
-  AR/VR
-  Live Broadcast

LTE Cat 9



L850

30.0×42.0×2.3mm
M. 2 form factor
450Mbps DL

LTE Cat 6



FG101

37.0×39.5×2.8mm
LGA form factor
3 Antenna 300Mbps DL



FG621

37.0×39.5×2.8mm
LGA form factor
2 Antenna
Cat 6. 300Mbps DL



FM100

30.0×52.0×2.3mm
M.2 form factor
3 Antenna 300Mbps DL



NL678-E

30.0×51.0×4.3mm
MiniPCle form factor
3 Antenna
300Mbps DL

LTE Cat 4 – QC



NL668

29.0×32.0×2.4mm
LCC+LGA form factor
150M DL/50M UL



NL668 MiniPCle

30.0×51.0×4.9mm(Analog)
30.0×51.0×3.7mm(Digital)
mini-PCle form factor
150M DL/50M UL



NL652

42.0×30.0×2.5mm
M.2 form factor
Cat 4. 150(DL)
/ 50(UL)

LTE Cat 4 – ZXIC



L716

29.0×32.0×2.4mm
LCC+LGA form factor
150M DL/50M UL



L718

33.0×27.0×2.3mm
LCC+LGA form factor
150M DL/50M UL



L718 MiniPCle

30.0×51.0×3.4mm
mini-PCle form factor
150M DL/50M UL



EVK for FG150/NL95X

EVK for FM150

EVK for L8XX

EVK for L678



Security Surveillance Video



Automotive Aftermarket



Public Intercom



Gateway



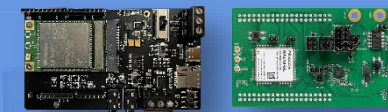
Electric Power Meter



Telemedicine

Massive IoT

LTE Cat 1	 L610 28.0x31.0x2.35mm LCC+LGA form factor 10M DL/ 5M UL	 L610 MiniPCle 50.8x29.85x3.4mm mini-PCle form factor 150M DL/50M UL	
3G	 H330S 33.8x27.8x2.45mm LGA form factor 21M DL/5.76M UL Global Version	 H330S MiniPCle 30.0x50.95x3.45mm Mini PCle form factor 21M DL/ 5.76M UL	
2G/2G+GNSS	 G510/G510-Q50 22.2x20.2x2.4mm LCC+LGA form factor GPRS/GNSS	 G500/G500-Q50 18.7x16.0x2.3mm LCC+LGA form factor GPRS/GNSS	 G550-Q50 15.8x17.7x2.3mm LCC+LGA form factor GPRS
NB-IoT	 MC907 17.7x15.8 x2.0mm LCC+LGA form factor Cat NB1/NB2	 N510 22.2x20.2x2.1mm LCC+LGA form factor Cat NB1/NB2	 N700 18.0x16.0 x2.1mm LCC form factor Cat NB1/NB2
LTE Cat M	 MA510 22.2x20.2x2.1mm LCC+LGA form factor Cat M1/NB2/EGPRS 23dBm / 21dBm		



ADP-L610-Arduino

ADP-MA510



Smart Meters Water/Gas



Transportation



Asset Tracking



Smoke Alarm



NB-IoT Lock



Smart Lighting



Smart Parking

Automotive

5G NR



AN958

Automotive Grade
48.0x48.0x2.75mm
LGA form factor
2.12Gbps DL

V2X



AX168

Automotive Grade
40.0x42.0x3.4mm
LGA form factor
26M DL/26M UL

Smart LTE Cat 4



AL660S

Automotive Grade
43.0x44.0x2.8mm
LCC+LGA form factor
150M DL/ 50M UL

Wi-Fi



AW916

23.0x23.0x2.65mm
LGA form factor
Automotive
(Wi-Fi 6)

LTE Cat 4



AL940

Automotive Grade
33.0x37.5x3.0mm
LGA form factor
150M DL/ 50M UL



AL930

Automotive Grade
34.0x40.0x2.7mm
LGA form factor
150M DL/ 50M UL



AL640

Automotive Grade
33.0x37.5x3.0mm
LGA form factor
150M DL/ 50M UL



AL630

Automotive Grade
34.0x40.0x2.7mm
LGA form factor
150M DL/ 50M UL



ADP-AX168-GL



ADP-AN956-CN



ADP-AL656S-CN



ADP-AL940-CN



Autonomous Drive



Smart Traffic



C-V2X

Mobile Compute

Android-Entry

SL8541E



SU808

41.0x41.0x2.8mm
LCC+LGA form factor
UNISOC SL8541E
LTE Cat 4/ Quad-Core

QCM2150



SQ808

41.0x41.0x2.8mm
LCC+LGA form factor
QUALCOMM QCM2150
LTE Cat 4/ Quad-Core

MSM8909



SC806

40.5x40.5x2.8mm
LCC+LGA form factor
QUALCOMM MSM8909
LTE Cat 4/ Quad-Core

Android-Medium

SDM450



SS826

55.0x35.0x2.85mm
LCC+LGA form factor
QUALCOMM SDM450
LTE Cat 6/ Octa-Core



SS808

41.0x41.0x2.8mm
LCC+LGA form factor
QUALCOMM SDM450
LTE Cat 4/ Qcta-Core



SC182

43.0x44.0x2.85mm
LCC+LGA form factor
QUALCOMM SDM450
LTE Cat 4/ Qcta-Core

UIS8581E



SC626

40.5x40.5x2.8mm
LCC+LGA form factor
UNISOC UIS8581E
LTE Cat 4/ Qcta-Core

Android-Premier

QCM6125



SC138

41.0x41.0x2.8mm
LCC+LGA form factor
QUALCOMM SM6125
LTE Cat 6/ Qcta-Core

MSM8953



SC826

55.0x35.0x2.85mm
LCC+LGA form factor
QUALCOMM MSM8953
LTE Cat 6/ Octa-Core

UIS7862S



SC665

43.5x45.0x2.85mm
LCC+LGA form factor
UNISOC UIS7862S
LTE Cat 4/ Octa-Core



EVK-SC800



Facial Recognition



Smart Home



Retail & Smart POS\ECR



Automotive Aftermarket



AI Speaker



Self-Serving Machine

Fibocom Product Global Certification



Open Collaboration and Co-Creation with Global Partners



Enabling Industry Customers and Carriers by Bridging

Help customers and partners gain additional footprint in the global IoT market

- Provides overseas market know-how
- Helps create market chances for innovative products and services in the operators' channels.

Support operators succeed in IoT Sector

Help telecom operators identify qualified, innovative and stable products and services that can be efficiently applied in the IoT infrastructure.



Customer Service and Support



Product Design

Customer product reference design
Hardware design recommendation
SCH/PCB examination
RF optimization solution
Thermal design guide



Testing & Certification

Module application scenario test
Customer overall product test
Industrial-grade certification
Operator certification
Market access certification



Customer Service

Software optimization
Software customization
Product long life cycle management



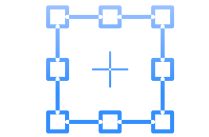
Post-Sales Services

7x24 response to customers
FOTA
Localized on-site technical support

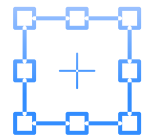
Fibocom

Advanced Product Development Procedure and Digitalized Quality Management & Operation System

- PDT team consisting of representatives from different functional dept. is established to be responsible for the final success of each project.
- PDT team is involved in the whole process of product development from project establishment, product development, product testing, to product manufacturing, marketing and customer training, helping shorten the development cycle.



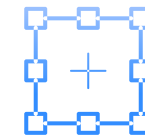
**Integrated
Product
Development**



**Advanced
ERP/PLM IT
System
Support**



**Advanced
Manufacturing
Execution
System(MES) +
Test Automation**



**Environment
& Quality
System
Certification**

- Production scheduling: quick response
- Production process: traceability and quality control
- Production management: data visualization
- Production test: atomization

ISO9001

IATF16949

ISO14000/OHSAS18001



Global Top EMS Partners



JABIL

flex

:hager

DOOV

PERFECT WIRELESS EXPERIENCE

广和通致力于将可靠、便捷、安全、智能的无线通信解决方案普及至每一个物联网应用场景，为用户带来完美无线体验，丰富智慧生活。

We are committed to enabling industries with reliable, accessible, secure, and intelligent IoT 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.

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