



Gosuncn Mobile Broadband Products & Solutions



2020

**5G CPE, MIFI and
Industrial Router**

— Welink your smart —

Product Introduction

GW5000 is a highly advanced 5G mmWave multi-service product solution specifically designed to meet integrated data, and 802.11b/g/n/ac/ax High speed Wi-Fi access needs for residential, business and enterprise users. It enables wide service coverage and provides high data throughput and networking features to customers who needs easy broadband access, hot-spot Wi-Fi connectivity.

Feature Highlights

- Qualcomm® Snapdragon™ X55 In-Design
- 5G NR(FR1&FR2) support global networks
- Built-in high gain 5G Sub6G\mmWave antenna
- Qualcomm 5G NR Modem-to-antenna solution
- Full compliance to 3GPP Rel.15 Dec
- 5G NR FR1&FR2+4G LTE TDD/FDD-LTE+3G
- RJ45 10Gigabit(10GBASE-T/1000BASE-T) Ethernet POE
- 802.11b/g/n/ac/ax Wi-Fi support with Router
- Router, bridge and by-pass networking,IPv4&v6 and Multiple PDN
- Built-in VPN and L2/L3 GRE client
- FTP, HTTP and TR-069 management
- SIM card authentication



Product Parameters

Item	Description
Chip Platform	Qualcomm/SDX55
Dimensions	280 x 200 x 60mm
Weight	about 3kg
Band	5G NR: mmWave + Sub6G 4G LTE FDD and TDD can be customized according to the customer's requirements
Interface	1xSIM, 1xRJ45(10Gigabit ETH POE)
LED	4 LEDs, Power, SIM, NET, Signal(Three-color)
SIM Card	1.8V/3V 4FF USIM
Power Supply	DC 48V/2A
Carrier Aggregation	DL: 5CA, UL: 2CA
MIMO	5G mmWave: 2x2 MIMO, LTE: 4x4 MIMO on 5CA(LTE only)
DL modulation	LTE: 1024-QAM, 5G Sub6: 256-QAM
UL modulation	LTE: 256-QAM, 5G Sub6: 256-QAM
Max Theory Data Rate	5G: 4.6Gbps DL/ 300Mbps UL, LTE: 2.0Gbps DL/ 300Mbps UL Notes: This is maximum theory speed,depending on the network support
Wi-Fi Standard	802.11b/g/n/ac/ax

Product Introduction

GW2000 is a highly advanced 5G MIFI multi-service product solution specifically designed to meet integrated data, and 802.11b/g/n/ac/ax High speed Wi-Fi access needs for residential, business and enterprise users. It enables wide service coverage and provides high data throughput and networking features to customers who needs easy broadband access, hot-spot Wi-Fi connectivity.

Feature Highlights

- Built-in high gain 5G Sub6G antenna
- Full compliance to 3GPP 5G NR+4G LTE TDD/FDD-LTE
- 802.11b/g/n/ac/ax Wi-Fi support
- Router, bridge and by-pass networking, IPv4&v6 and Multiple PDN support
- Built-in VPN and L2/L3 GRE client support
- FTP, HTTP and TR-069 management support
- SIM card authentication



Product Parameters

Item	Description
Chip Platform	Qualcomm/SDX55
Dimensions	124 x 72 x 16.8mm
Weight	about 260g
Band	5G NR+LTE Sub6G 4G LTE FDD and TDD can be customized according to the customer's requirements
Interface	Power/SIM/USB
LCD	3.5" TFT
SIM Card	1.8V/3V 4FF USIM
Power Supply	DC 9V/2A
Carrier Aggregation	DL: 5CA, UL: 2CA
MIMO	4x4
DL modulation	LTE: 1024-QAM, 5G Sub6: 256-QAM
UL modulation	LTE: 256-QAM, 5G Sub6: 256-QAM
Max Theory Data Rate	5G: 2.83Gbps DL/ 300Mbps UL, LTE: 1.2Gbps DL/ 300Mbps UL Notes: This is Qualcomm Maximum theory speed,depending on the network support
Wi-Fi Standard	802.11b/g/n/ac/ax
Battery	6000mAh

Product Introduction

GW3000 is a highly advanced 5G indoor multi-service product solution specifically designed to meet integrated data, and 802.11b/g/n/ac/ax High speed Wi-Fi access needs for residential, business and enterprise users. It enables wide service coverage and provides high data throughput and networking features to customers who needs easy broadband access, hot-spot Wi-Fi connectivity.

Feature Highlights

- Built-in high gain 5G Sub6G antenna
- Full compliance to 3GPP 5G NR+4G LTE TDD/FDD-LTE
- RJ45 10Gigabit(10GBASE-T/1000BASE-T) Ethernet
- 802.11b/g/n/ac/ax Wi-Fi support
- Router, bridge and by-pass networking, IPv4&v6 and Multiple PDN support
- Built-in VPN and L2/L3 GRE client support
- FTP, HTTP and TR-069 management support
- SIM card authentication



Product Parameters

Item	Description
Chip Platform	Qualcomm/SDX55
Dimensions	195 x 99 x 66.4mm
Weight	about 600g
Band	5G NR+LTE Sub6G 4G LTE FDD and TDD can be customized according to the customer's requirements
Interface	DC, WPS, Power, Reset, SIM, 1xRJ45 LAN (10Gigabit ETH) 1xRJ45 W/LAN (10Gigabit ETH, LAN/WAN auto adaptation), RJ11(Optional)
LED	5 LEDs, Power, WPS, Wi-Fi, 4G Signal(Three-color), 5G Signal(Three-color)
SIM Card	1.8V/3V 4FF USIM
Power Supply	DC 12V/3A
Carrier Aggregation	DL: 5CA, UL: 2CA
MIMO	4x4
DL modulation	LTE: 1024-QAM, 5G Sub6: 256-QAM
UL modulation	LTE: 256-QAM, 5G Sub6: 256-QAM
Max Theory Data Rate	5G: 2.83Gbps DL/ 300Mbps UL , LTE: 1.2Gbps DL/ 300Mbps UL Notes: This is Qualcomm Maximum theory speed, depending on the network support
Wi-Fi Standard	802.11b/g/n/ac/ax

5G Sub6 Industrial Router

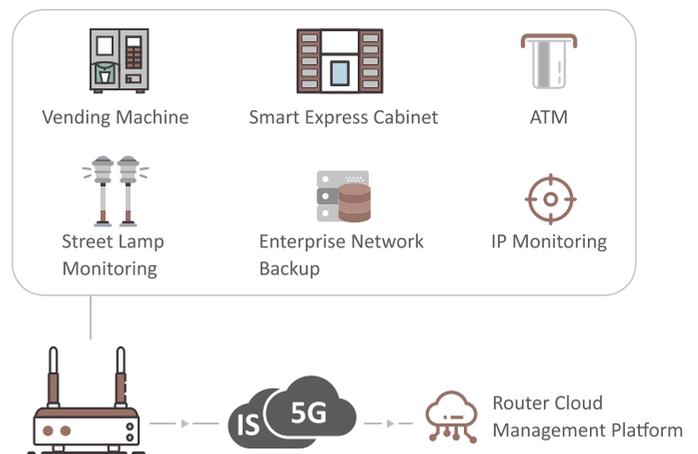
GW4000

Product Introduction

GW4000 is a highly advanced 5G Industrial Router product designed to meet integrated data, and 802.11b/g/n/ac/ax High speed Wi-Fi access needs for industry, business and enterprise users. It enables wide service coverage and provides high data throughput and networking features to customers who needs easy broadband access, hot-spot Wi-Fi connectivity.

Feature Highlights

- Design for industrial Connectivity
- Full compliance to 3GPP 5G NR+4G LTE TDD/FDD-LTE
- RJ45 10Gigabit(10GBASE-T/1000BASE-T) Ethernet
- 802.11b/g/n/ac/ax Wi-Fi support
- Embedded Watchdog, Auto Recovery Support
- Cloud Management Platform



Product Parameters

Item	Description
Chip Platform	Qualcomm/SDX55
Dimensions	180 x 110 x 30mm
Weight	about 800g
Band	5G NR+LTE Sub6G 4G LTE FDD and TDD can be customized according to the customer's requirements
Interface	DC,Reset, USB,SIM, 5xRJ45 (10Gigabit ETH)
LED	Power, SYS, WIFI, 4/5G
SIM Card	1.8V/3V 4FF USIM
Power Supply	DC 12V/3A
Carrier Aggregation	DL: 5CA, UL: 2CA
MIMO	4x4
DL modulation	LTE: 1024-QAM, 5G Sub6: 256-QAM
UL modulation	LTE: 256-QAM, 5G Sub6: 256-QAM
Max Theory Data Rate	5G: 2.83Gbps DL/ 300Mbps UL, LTE: 1.2Gbps DL/ 300Mbps UL Notes: This is maximum theory speed,depending on the network support
Wi-Fi Standard	802.11b/g/n/ac/ax



Official Website



www.gosuncnwelink.com/en/

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