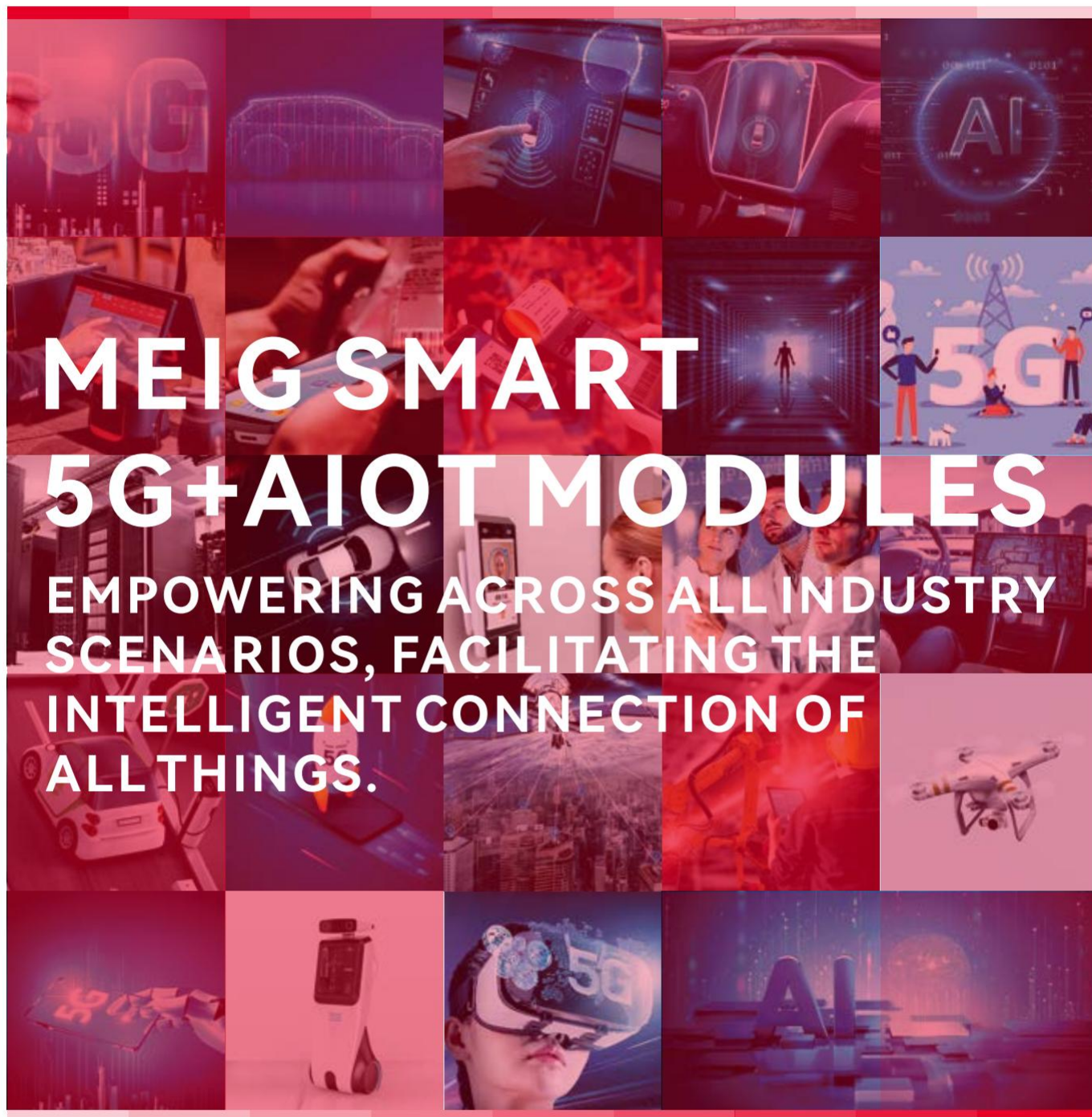


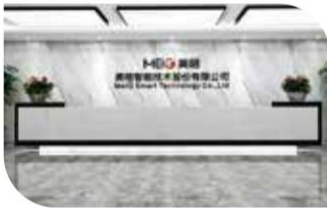


About Us

MeiG Smart Technology Co., Ltd (Stock Code:002881) was established in 2007, headquartered in Shenzhen, Guangdong Province. As a world-class provider of IoT terminals and wireless data solutions, MeiG works hard to be an R&D-driven enterprise, and has a team of nearly 1,000 employed in Shenzhen, Shanghai and Xi'an R&D centers.

Based on advanced 4G & 5G wireless communication technology and IoT industry, MeiG Smart focuses on providing standardized and intelligent communication modules, IoT solutions, technology development service and systematic solutions for cloud platform with MeiGLink brand at the core for global customers. MeiG is taking the lead in many IoT core applications, and has IoT customers spreading over 100 countries and regions around the world.

Adhering to the business philosophy of "integrity, responsibility, innovation and sharing", MeiG Smart will continue to rely on forward-looking wireless communication technology and high-quality smart IoT products to create value for global customers. Facing a future world of intelligent connectivity, MeiG will focus on such core technologies as 5G, IoT, and AI to make continuous progress as a leading enterprise in the IoT industry.



Shenzhen Headquarters/R&D Center



Shanghai R&D Center



Xi'an R&D Center



Nantong R&D Center

Two Driving Forces: Module+Solution

Leading Technology: Intelligence+Customization

Capability Architecture: Software+Hardware+Manufacturing

Smart Module Shipments Ranked First in China for 3 Years in a Row

The First to Launch AI Computing Modules in the Industry

The First to Run Stable Diffusion on AI Computing Modules

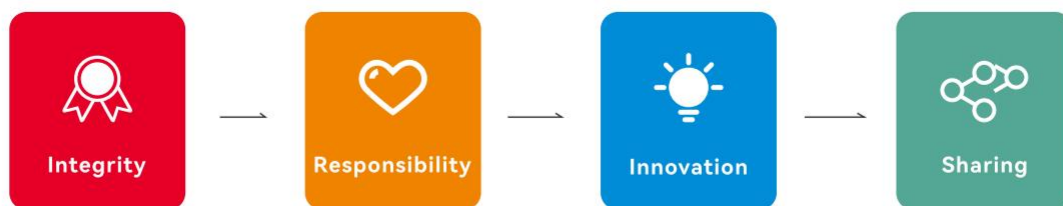
100 Tops AI Computing Modules: Accelerating Edge AI Deployment

Winning Bidder for China Unicom's 5G Smart Module and Cat.1 Module

Global Cooperation with Tier1 and ICT Customers

5G Smart Cockpit Module Leads The Market

Operation Principle



Our Advantage



Edge AI

Industry's First High-Performance AI Module
First in Industry to Run Stable Diffusion Model
Launch of **100Tops Flagship** AI Module
Support Deepseek, Llama, 100+ AI models



R&D Driven

1000+ R&D teams
500+ patents
5G+Wi-Fi 7+Android(Windows, Linux)
Edge & Hybrid AI with Strong R&D



Developing Momentum

30% IoT business growth
50% Auto business growth
100% AI Module growth
Leading AI Module Development



Delivery Capacity

Global technical support
multi-brand delivery
2 Domestic Factories (Hangzhou & Shenzhen)
2 Overseas EMS Factories (Vietnam & Japan)

Global Distribution



Module Portfolio



5G SoC

SRM6690 • QCM6690 • 8-Cores up to 2.9Ghz • 5G NR Sub-6GHz • Android 15 • Wi-Fi 7 • L1+L5 GPS • LGA • 55.0*45.0*2.8mm	SRM955 • QCM6490 • 8-Cores 2.7Ghz • Android • Wi-Fi 6E • LGA • 55.0x45.0x3.95mm	SRM930/L • QCM6490/5430 • 8-Cores up to 2.7Ghz • 5G NR Sub-6GHz • Android/Ubuntu • Wi-Fi 6E • L1+L5 GPS • LGA • 47.0*48.0*3.0mm	SRM700 • QCM4490 • 8-Cores up to 2.4Ghz • 5G NR Sub-6GHz • Android • Wi-Fi 6E • L1+L5 GPS • LGA • 47.0*48.0*3.0mm	SRM900/L • SM6350/SM4350 • 8-Cores 2.0Ghz • Android • Wi-Fi ax ready • LGA • 47.0x48.0x3.0mm
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5G M2M

SRM819W • X85 • 3GPP Release 18 • 5G NR SA & NSA • LTE Cat.20 • LGA • 56.0*53.0*2.95mm	SRM812 • V620 • 3GPP Release 16 • 5G NR SA & NSA • LTE Cat.20 • LGA • 45.0*45.0*3.6mm(TBD)	SRM817M • X72 • 3GPP Release 17 • 5G NR SA & NSA • LTE Cat.20 • LGA • 56.0*53.0*2.95mm	SRM825N • X62 • 3GPP Release 16 • 5G NR SA & NSA • LTE Cat.19 • M.2 • 30.0*52.0*2.3mm	SRM815NL • X62 • 3GPP Release 16 • 5G NR SA&NSA • LTE Cat.19 • LGA • 46.0*56.0*4.3mm
SRM815 • X55 • 3GPP Release 15 • 5G NR SA & NSA • LTE Cat.20 • LGA • 44.0*41.0*2.8mm	SRM810 • V510/V516 • 3GPP Release 15 • 5G NR SA&NSA • LTE Cat.12 • LGA • 30.0*41.0*2.7mm	SRM821 • V510/V516 • 3GPP Release 15/16 • 5G NR SA & NSA • LTE Cat.12 • M.2 • 30.0*52.0*2.3mm	SRM813Q • X35 • 3GPP Release 17 • 5G RedCap • LTE Cat.4 • LGA • 29.0*32.0*2.4mm	SRM813A • ASR1903 • 3GPP Release 17 • 5G RedCap • LTE Cat.4 • LGA • 29.0*32.0*2.7mm

AI

SNM980 • Q-8750 • Wi-Fi 7 • BT6.0 • Android • 64 TOPS(int8) • LGA • 42.0*47.0*2.7mm	SNM970 • QCS8550 • Android/Linux • Wi-Fi 7 • 48 TOPS • LGA • 40.0x45.5x2.7mm	SNM960 • SM8475 • Android • Wi-Fi 6E • Android • LGA • 40.0x45.5x2.7mm	SNM950 • QCS8250 • Android/Linux • Wi-Fi 6E • 15 TOPS • LGA • 40.0x45.5x2.7mm	SNM930/930L • QCS6490/QCS5430 • Android/Linux • Wi-Fi 6E • 12 TOPS • LGA • 47.0x48.0x3.0mm
SNM900 • SM6350 • Android • Wi-Fi ax ready • 2.4 TOPS • LGA • 47.0x48.0x3.0mm	SNM920 • QCS8125 • Android • 2.4G/5G • 0-2 TOPS • LCC+LGA • 41.0x45.5x2.85mm	SNM972 • QCS8550 • Android/Linux • 48 TOPS • PCIe • 47.0x64.0x6.3mm	SNM962 • SM8475 • Android • 27 TOPS • PCIe • 47.0x64.0x6.3mm	SNM952 • QCS8250 • Android/Linux • 15 TOPS • PCIe • 47.0x64.0x6.3mm

4G SoC

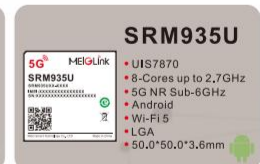
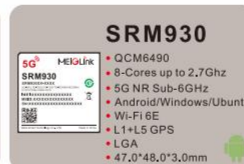
SLM927 • QCM6225 • 8-Cores 2.4Ghz • Android • Wi-Fi ax ready • LCC+LGA • 41.0x41.0x2.6mm	SLM927M • SM4250 • 8-Cores 1.6Ghz • Android • Wi-Fi ax ready • LCC+LGA • 41.0x41.0x2.6mm	SLM926 • QCM4290 • 8-Cores 2.0Ghz • Android • Wi-Fi 5 • LCC+LGA • 41.0x45.5x3.0mm	SLM920 • QCM6125 • 4-Cores 2.0Ghz • Android • Wi-Fi 5 • LCC+LGA • 41.0x45.5x3.0mm	SLM900 • SDM660 • 8-Cores 2.2Ghz • Android • Wi-Fi 5 • LCC+LGA • 41.0x45.5x3.0mm
SLM759 • SDM450/MSM8953 • 8-Cores 2.0Ghz • Android • Wi-Fi 5 • LCC+LGA • 43.0x44.0x2.85mm	SLM758 • SDM450/MSM8953 • 8-Cores 2.0Ghz • Android • Wi-Fi 5 • LCC+LGA • 41.0x45.5x2.85mm	SLM757 • MSM8917 • 4-Cores 1.4Ghz • Android • Wi-Fi 5 • LCC+LGA • 41.0x41.0x3.0mm	SLM756 • MSM8909 • 4-Cores 1.1Ghz • Android • Wi-Fi 5 • LCC+LGA • 39.0x44.0x3.0mm	SLM755L • MSM8909 • 4-Cores 1.1Ghz • Android • Wi-Fi 5 • LCC+LGA • 40.5x40.5x2.85mm
SLM550 • QCM2290 • 4-Cores 2.0Ghz • Android • Wi-Fi 5 • LCC+LGA • 40.5x40.5x2.85mm	SLM550S • 8581E • 8-Cores 1.6Ghz • Android • Wi-Fi 5 • LCC+LGA • 40.5x40.5x2.85mm	SLM500Q • QCM2150 • 4-Cores 1.3Ghz • Android • Wi-Fi 5 • LCC+LGA • 40.5x40.5x2.85mm	SLM500L • SDM450 • 8-Cores 1.8Ghz • Android • Wi-Fi 5 • LCC+LGA • 40.5x40.5x2.85mm	SLM500S • 8541E • 4-Cores 1.4Ghz • Android • Wi-Fi 5 • LCC+LGA • 40.5x40.5x2.85mm

Automotive Telematics

MA925 • SA525M • 22K DMIPS CPU • 5G R16+V2X • LGA • 54.5*53.0*3.45mm	MA922 • SA522M • 20K DMIPS CPU • 5G R16+V2X • LGA • 54.5*53.0*3.45mm	MA912 • SA522M • 20K DMIPS CPU • 5G R16+V2X • LGA • 48.0*48.0*3.45mm	MA800/A • MDM9628/ASR1806 • 2-Cores 1.2/1.5Ghz • LTE Cat.4 • LGA • 37.5*33.0*3.0mm	MA710A • ASR1903 • 5G RedCap • LTE Cat.4 • LGA • 37.5*33.0*3.0mm
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Module Portfolio

Automotive Cockpit



LTE-A



LTE



Cat.1



Cat.M



NB-IoT



GNSS



MeiG Smart 5G SoC Module Series



Product	SRM6690	SRM955	SRM930	SRM700
Product Picture				
OS	Android	Android	Android/Windows/Ubuntu	Android
CPU	Octa-core	Octa-core	Octa-core	Octa-core
Memory	64+4/128+8(GB)	128+8/256+12(GB)	64+4/128+8(GB)	64+4/128+6(GB)
Band(MHz)	-US -EMEA	-US -EMEA	-C -E -A -L -J	-C -E -A -L -J
Package	LGA	LGA	LGA	LGA:458Pin
Dimension(mm)	55.0*45.0*2.8	55.0*45.0*3.95	47.0*48.0*3.0	47.0x48.0x3.0
5G	5G	5G	5G	5G
Supply Voltage	3.5V~4.35V, typ.3.8V	3.5V~4.35V, typ.3.8V	3.5V~4.35V, typ.3.8V	3.5V~4.2V, typ.3.8V
Working Temperature	-30°C~+75°C	-30°C~+75°C	-30°C~+75°C	-30°C~+75°C
Storage Temperature	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C	-40°C~+90°C
Data Transmission				
5G NR Speed	5G:DL 2.5Gbps/UL 660Mbps	5G:DL 2.5Gbps/UL 660Mbps	5G:DL 2.5Gbps/UL 660Mbps	5G:DL 2.5Gbps/UL 660Mbps
LTE Speed(Mbps)	LTE:DL 800Mbps/UL 210Mbps	LTE:Max 150(DL)/50(UL)	LTE:Max 150(DL)/50(UL)	LTE:DL 800Mbps/UL 210Mbps
DC-HSPA+Speed(Mbps)	Max 42(DL)/Max 11(UL)	Max 42(DL)/Max 11(UL)	Max 42(DL)/Max 11(UL)	Max 42(DL)/Max 11(UL)
WCDMA Speed(Kbps)	Max 384(DL)/Max 384(UL)	Max 384(DL)/Max 384(UL)	Max 384(DL)/Max 384(UL)	Max 384(DL)/Max 384(UL)
TD-SCDMA Speed(Mbps)	Max 4.2(DL)/Max 2.2(UL)	Max 4.2(DL)/Max 2.2(UL)	Max 4.2(DL)/Max 2.2(UL)	Max 4.2(DL)/Max 2.2(UL)
EDGE Speed(Kbps)	•	•	•	•
GPRS Speed(Kbps)	•	•	•	•
SMS	•	•	•	•
CSD	•	•	•	•
Special Function				
Firmware Upgrade	Upgrade through USB interface	Upgrade through USB interface	Upgrade through USB interface	Upgrade through USB interface
VoLTE	•	•	•	•
WLAN	Wi-Fi 7 (2 × 2 MU-MIMO 802.11a/b/g/n/ac/ax/be)	Wi-Fi 6E (2 × 2 MU-MIMO 802.11a/b/g/n/ac/ax)	Wi-Fi 6E (2 × 2 MU-MIMO 802.11a/b/g/n/ac/ax)	Wi-Fi 6E (2 × 2 MU-MIMO 802.11a/b/g/n/ac/ax)
BT	BT5.4	BT5.2	BT5.2	BT5.2
FM	—	—	—	—
GNSS	Gen 9v5.2:GPS/GLONASS/NavIC BeiDou/Galileo/QZSS/SBAS	GPS/Beidou/Glonass/Galileo,L1+L5 GPS	GPS/Beidou/Glonass/Galileo,L1+L5 GPS	GPS/Beidou/Glonass/Galileo,L1+L5 GPS
Interface				
Display	1×4-lane DSI, 4K30 DisplayPort 1.4 (eUSB 2.0 + DisplayPort concurrency) DP SST-1 × 4K60 DP MST-2 × 4K30	FHD+@60fps MIPI-DSI + 4K@60fps Displayport One 4-lane DSI, D-PHY 1.2 or C-PHY 1.2 DisplayPort v1.4 over USB Type-C	MIPI DSI FHD + 1200*2520@144Hz Display Port:3840 × 2160@60Hz 3840 × 2160@60Hz	FHD+(1080x2520)@ 60/90/120 Hz One 4-lane DSI
Camera	4 × 4-lane CSI 21 + 21 + 21 MP or 64MP 30fps	5 × 4-lane CSI D-PHY 1.2 or C-PHY 1.2 3 × 14 bit ISP + 2 × lite ISP 22 + 22 + 22 MP or 64MP 30fps	5x4-lane CSI D-PHY 1.2 or C-PHY 1.2 3×14 bit ISP + 2 × lite ISP 22+22+22MP or 64MP 30fps	3x4-lane CSI D-PHY 1.2 or C-PHY 1.2 16+16MP or 25MP @30fps
Video	Encode:4K@60fps H.264/HEVC/VP9 Decode:4K@120fps H.264/HEVC/VP9 Concurrency:UHD30 decode + UHD30 encode	Encode: 4K@30fps H.264/H.265 Decode: 4K@60fps H.264/H.265/VP9 Concurrency: 1080P@60fps decode + 1080P@60fps encode	Encode: 4K@30fps H.264/H.265 Decode: 4K@60fps H.264/H.265/VP9 Concurrency: 1080P@60fps decode + 1080P@60fps encode	Encode: 4K@30fps H.264/H.265 Decode: 1080P@60fps H.264/H.265/VP9 Concurrency: 1080P@30fps decode + 1080P@30fps encode
Audio	Analog output:speakers,earphones, headphone;4*DMICs Analog input;4 × MIS ports, 2 × I2S ports Supports Audio over USB Type-C	Analog output:speakers,earphones, headphone;3*DMICs Analog input; 2 × I2S ports Supports Audio over USB Type-C	Mp3:AAC+eAAC;AMR-NB, -WB,G.711,WMA 9/10 Pro	MP3;aacPlus,eAAC;ARM-NB,AMR-WB, G.711,Windows Media Audio(WMA)9/10 Pro
Hardware Interface	1 × USB 3.1 Gen1, USB 2.0 Supports OTG	1 × USB 3.1 Gen1, USB 2.0 Supports OTG		USB 3.1 *1, USB2.0*1, Supports OTG
	UART*3	UART*3	UART*3	UART*3
	I2C*10	I2C*10	I2C*5	I2C*8
	SPI*2	SPI*2	SPI*2	SPI*2
	ADC*2	ADC*8	ADC*2	ADC*2
	GPIO*13	GPIO*19	GPIO*19	GPIO*76
Antenna	SDIO*1	SDIO*1	SDIO*1	SDIO*1
	Main antenna, diversity antenna, GNSS	Main antenna, diversity antenna, GNSS	Main antenna, diversity antenna, GNSS	Main antenna, diversity antenna, GNSS antenna, Wi-Fi/BT antenna
Certifications				
Certifications	CCC/CE/FCC/IC*	FCC/CE/IC/ROHS/KUKA/PTCRB/GCF(US SKU) AT&T/Verizon*/T-Mobile*	CCC/CE/IC/TA*	CCC/CE/FCC/IC/JATE*
Recommended Applications				
Application Fields	Smart POS, Security Monitoring, Automotive Device, VR/AR, Information Collection equipment, Smart Robots, Smart Home, Intelligent Hardware, Industrial Smart Handhelds, Smart PAD, UAV, VR Camera, Full-view Camera, Multi-touch Device, Walkie-talkie, Smart Wearables, Vending Machines, Logistics Cabinet etc.			

MeiG 5G M2M Module Series

5G

Product	SRM819W	SRM812	SRM817M
Product Picture			
Package	LGA	LGA	LGA:537-Pin
Dimension(mm)	56.0*53.0*2.95	45.0*53.0*2.7(TBD)	56.0x53.0x2.95
5G NR Technical Standard	3GPP Release 18,mmWave&Sub-6GHz,NSA/SA mode	3GPP Release 16,Sub-6GHz,NSA/SA mode	3GPP Release 17,Sub-6GHz,NSA/SA mode
Band(MHz)	-EA 5G NR mmWave:N257/258/259 5G Sub6G: FDD:N1/N3/N5/N7/N8/N20/N28/N71/N75/N76 TDD:N38/N40/N41/N77/N78 LTE-FDD:B1/B3/B5/B7/B8/B20/B28/B32/B71 LTE-TDD:B38/B40/B41/B42/B43	-EA 5G SA&NSA: n1/3/5/7/8/20/28/38/40/41/71/77/78/79* LTE-FDD: B1/3/5/7/8/20/28/32 LTE-TDD: B34/38/39/40/41/42/43 WCDMA:B1/5/8	-EA 5G SA&NSA: FDD:N1/N3/N5/N7/N8/N20/N28/N71/N75/N76 TDD:N38/N40/N41/N77/N78 LTE-FDD:B1/B3/B5/B7/B8/B20/B28/B32 LTE-TDD:B38/B40/B41/B42/B43/B71 WCDMA:B1/B5/B8
	-NA 5G NR mmWave:N259/260/261 5G Sub6G: FDD:N2/N5/N7(30)/N12/N13/N14/N25/N26/N29/N66/N71 TDD:N38/N41/N48/N77/N78 LTE-FDD:B2/B4/B5/B7(30)/B12/B13/B14/B17/B25/B26/B66/B71 LTE-TDD:B38/B41/B42/B43/B48		-NA 5G SA&NSA: FDD:N2/N5/N7(30)/N12/N13/N14/N25/N26/N29/N66/N71 TDD:N38/N41/N48/N77/N78 LTE-FDD:B2/B4/B5/B7(30)/B12/B13/B14/B17/B25/B26/B66/B71 LTE-TDD:B38/B41/B42/B43/B48 WCDMA:B2/B4/B5
Modulation type	DL:QPSK, 16QAM, 64QAM and 256QAM UL:BPSK, QPSK, 16QAM, 64QAM and 256QAM	DL:QPSK, 16QAM, 64QAM and 256QAM UL:BPSK, QPSK, 16QAM, 64QAM	DL:QPSK, 16QAM, 64QAM and 256QAM UL:BPSK, QPSK, 16QAM, 64QAM and 256QAM
Sub-Carrier Spacing(SCS)	SCS support 15KHz and 30KHz	SCS support 15KHz and 30KHz	SCS support 15KHz and 30KHz
5G DL 4x4 MIMO Band	-EA: N1/3/7/38/40/41/77/78 -NA: N2/25/7(30)/38/41/66/77/78	n1/3/7/38/40/41/77/78/79*	-EA:N1/N3/N7/N38/N40/N41/N77/N78 -NA:N2/N7/N38/N40/N41/N66/N77/N78
5G UL 2x2 MIMO Band	-EA: N1/3/7/38/40/41/77/78 -NA: N2/25/7(30)/38/41/77/78	n38/40/41/77/78/79*	-EA:N38/N40/N41/N77/N78 -NA:N38/N41/N77/N78
Weight	<20g	<12g	<15g
Working Temperature	Normal operating temperature:-10°C to +55°C	Normal operating temperature: -30°C ~ +75°C Extended operating temperature: -40°C~+85°C	Normal operating temperature: -30°C ~ +75°C Extended operating temperature: -40°C~+85°C
Data Transmission			
5G NR Speed	Downlink up to 11Gbps -Uplink up to 3.7Gbps	Downlink up to 4.67Gbps-Uplink up to 1.875Mbps	Sub6G: -Downlink up to 4Gbps -Uplink up to 900Mbps
LTE Speed(Mbps)	-Downlink up to 2Gbps -Uplink up to 200Mbps	-Downlink up to 1.6Gbps-Uplink up to 200Mbps	-Downlink up to 2Gbps -Uplink up to 200Mbps
WCDMA Speed(Kbps)	-Downlink up to 42.4Mbps -Uplink up to 5.76Mbps	-Downlink up to 42.4Mbps -Uplink up to 5.76Mbps	-Downlink up to 42.4Mbps -Uplink up to 5.76Mbps
Interface			
SIM	1.8V/3V x2	1.8V/3V x2	1.8V/3V x2
eSIM	•	-	•
UART	•	•	•
USB	USB 3.1	USB 3.1 x1 USB2.0 x1	USB 3.1
PCIe	PCIe 3.0 x3	PCIe 3.0 x2	PCIe 3.0 x3
RGMII	USXGMII x2	RGMII x1 or SGMII/USXGMII x1	USXGMII x2
I2C	•	•	•
PCM Voice	•	•	•
ADC	•	•	•
GPIO	•	•	•
Antenna	mmWave RF Connector : x8 ANT_PRI/ANT_DIV/ANT_MIMO: x6 8RX : x4 GNSS: x1	total 8: ANT_PRI/ANT_DIV/ANT_MIMO: x6 LB+LB: x2	ANT_PRI/ANT_DIV/ANT_MIMO: x6 GNSS: x1
Special Function			
TTS	*	*	*
TCP/IP	•	•	•
FTP	•	*	*
HTTP	*	*	*
RIL Driver	Android 4.2/4.4/5.0/5.1/6.0/7.0/8.0/9.0/10.0	Android 4.2/4.4/5.0/5.1/6.0/7.0/8.0/9.0/10.0	Android 4.2/4.4/5.0/5.1/6.0/7.0/8.0/9.0/10.0
NDIS	Windows 7/8/10/11	Windows 7/8/10/11	Windows 7/8/10/11
ECM	•	•	•
Gobinet	Linux 2.6 or later	-	Linux 2.6 or later
GNSS	•	-	•
USB Audio Class (UAC)	*	*	*
IP Passthrough	•	*	•
Firmware Update	USB/DFOTA	USB/DFOTA	USB/DFOTA
Electrical Parameter			
Supply Voltage	3.15V~4.35V, typical 3.8V	3.15V~4.35V, typical 3.8V	3.3V~4.35V, typ.3.8V
Sleep Power Consumption	<6mA	<10mA	<6mA
Certifications			
Certifications	CE*/FCC*	CE*	CE*/FCC*
Recommended Applications			
Application Fields	It can be widely used in CPE home gateway, TV, AR/VR, industrial router, set-top box, carrier terminal, video surveillance, industrial interconnection and other fields.		

MeiG 5G M2M Module Series

5G

Product	SRM815/SRM815-GL	SRM825	SRM825W
Product Picture			
Package	LGA:392-Pin Support M.2 & MiniPCIe adapter board adapter	M.2:75-Pin	M.2:75-Pin
Dimension(mm)	44.0x41.0x2.8 SRM815-GL:44.0x43.0x2.8	30.0x52.0x3.6	30.0x52.0x3.6
5G NR Technical Standard	3GPP Release 15,Sub-6GHz,NSA/SA mode	3GPP Release 15,Sub-6GHz,NSA/SA mode	3GPP Release 15,Sub-6GHz & mmWave,NSA/SA mode
Band(MHz)	-EA 5G SA:N1/N3/N28/N40/N41/N77/N78/N79 5G NSA:N41/N77/N78/N79 LTE-FDD:B1/B3/B5/B7/B8/B18/B19/B20/B28 LTE-TDD:B34/B38/B39/B40/B41/B42 WCDMA:B1/B3/B5/B8	-EA 5G SA:N1/N3/N5*/N7*/N8*/N20*/N28/N38*/N40/ N41/N77/N78/N79 5G NSA:N1/N3/N5*/N7*/N8*/N20*/N28/N38*/N40/ N41/N77/N78/N79 LTE-FDD:B1/B3/B5/B7/B8/B18/B19/B20/B28/B32 LTE-TDD:B34/B38/B39/B40/B41/B42 WCDMA:B1/B3/B5/B8	-EA 5G SA:N1/N3/N5*/N7*/N8*/N20*/N28/N38*/N40/ N41/N77/N78/N79 5G NSA:N1/N3/N5*/N7*/N8*/N20*/N28/N38*/ N40/N41/N77/N78/N79/N257/N258 LTE-FDD:B1/B3/B5/B7/B8/B18/B19/B20/B28/B32 LTE-TDD:B34/B38/B39/B40/B41/B42 WCDMA:B1/B3/B5/B8
	-CN 5G SA:N1/N28/N41/N78/N79 5G NSA:N41/N78/N79 LTE-FDD:B1/B3/B5/B8/B28 LTE-TDD:B34/B38/B39/B40/B41 WCDMA:B1/B8	-EU 5G SA:N1/N3/N5/N7/N8/N20/N28/N38/N40/N41/ N77/N78/N79 5G NSA:N1/N3/N5/N7/N8/N20/N28/N38/N40/N41/ N77/N78/N79 LTE-FDD:B1/B3/B5/B7/B8/B18/B19/B20/B28/B32 LTE-TDD:B34/B38/B39/B40/B41/B42 WCDMA:B1/B3/B5/B8	
	-GL 5G NR Sub-6G:N1/N3/N5/N7/N8/N20/N28/N38/N40/ N41/N77/N78/N79 LTE-FDD:B1/B3/B5/B7/B8/B18/B19/B20/B28/B32 LTE-TDD:B34/B38/B39/B40/B41/B42/B43 WCDMA:B1/B3/B5/B8		
Modulation type	DL:QPSK, 16QAM,64QAM and 256QAM UL:BPSK, QPSK, 16QAM, 64QAM and 256QAM	DL:QPSK, 16QAM,64QAM and 256QAM UL:BPSK, QPSK, 16QAM, 64QAM and 256QAM	DL:QPSK, 16QAM,64QAM and 256QAM UL:BPSK, QPSK, 16QAM, 64QAM and 256QAM
Sub-Carrier Spacing(SCS)	SCS support 15KHz and 30KHz	SCS support 15KHz and 30KHz	SCS support 15KHz and 30KHz
5G DL 4x4 MIMO Band	-EA:N1/N3/N40/N41/N77/N78/N79 -CN:N1/N41/N78/N79 -GL:N1/N3/N7/N38/N40/N41/N77/N78/N79	-EA:N1/N3/N7*/N38*/N40/N41/N77/N78/N79 -EU:N1/N3/N7/N38/N40/N41/N77/N78	N1/N3/N7*/N38*/N40/N41/N77/N78/N79
5G UL 2x2 MIMO Band	-EA:N41/N77/N78/N79 -CN:N41/N78/N79 -GL:N41/N77/N78/N79	-EA:N41/N77/N78/N79 -EU:N77/N78	N41/N77/N78/N79
Weight	<12g	<12g	<12g
Working Temperature	Normal operating temperature: -30°C ~ +75°C Extended operating temperature: -40°C ~ +85°C	Normal operating temperature: -30°C ~ +75°C Extended operating temperature: -40°C ~ +85°C	Normal operating temperature: -30°C ~ +75°C Extended operating temperature: -40°C ~ +85°C
Data Transmission			
5G NR Speed	-Downlink up to 2.1Gbps -Uplink up to 900Mbps	-Downlink up to 2.1Gbps -Uplink up to 900Mbps	-Downlink up to 2.0Gbps -Uplink up to 200Mbps
LTE Speed(Mbps)	-EA&GL:-Downlink up to 2.0Gbps -Uplink up to 200Mbps -CN:-Downlink up to 1.0Gbps -Uplink up to 150Mbps	-EA:-Downlink up to 2.0Gbps -Uplink up to 200Mbps -EU:-Downlink up to 1.0Gbps -Uplink up to 200Mbps	mmWave: -Downlink up to 6.78Gbps -Uplink up to 1.45Gbps Sub6G: -Downlink up to 2.1Gbps -Uplink up to 900Mbps
WCDMA Speed(Kbps)	-Downlink up to 42.4Mbps -Uplink up to 5.76Mbps	-Downlink up to 42.4Mbps -Uplink up to 5.76Mbps	-Downlink up to 42.4Mbps -Uplink up to 5.76Mbps
Interface			
SIM	1.8V/3V x2	1.8V/3V x2	1.8V/3V x2
eSIM	—	•	•
UART	•	•	•
USB	USB 3.1	USB 3.1	USB 3.1
PCIe	PCIe 3.0	PCIe 3.0	PCIe 3.0
RGMII	•	•	•
I2C	•	•	•
PCM Voice	•	•	•
ADC	•	•	•
GPIO	•	•	•
Antenna	total 9: ANT_PRI/ANT_DIV/ANT_MIMO: x8 GPS:x1	total 6: ANT_PRI/ANT_DIV/ANT_MIMO:x5 GPS:x1	mmWave RF connector:x8 QTM525 connector:x2 ANT_PRI/ANT_DIV/ANT_MIMO:x5 GPS:x1
Special Function			
TTS	•	•	•
TCP/IP	•	•	•
FTP	*	*	*
HTTP	*	*	*
RIL Driver	Android 4.2/4.4/5.0/5.1/6.0/7.0/8.0/9.0/10.0	Android 4.2/4.4/5.0/5.1/6.0/7.0/8.0/9.0/10.0	Android 4.2/4.4/5.0/5.1/6.0/7.0/8.0/9.0/10.0
NDIS	Windows 7/8/10	Windows 7/8/10	Windows 7/8/10
ECM	•	•	•
Gobinet	Linux 2.6 or later	Linux 2.6 or later	Linux 2.6 or later
GNSS	•	•	•
USB Audio Class (UAC)	•	•	•
IP Passthrough	•	•	•
Firmware Update	USB/DFOTA	USB/DFOTA	USB/DFOTA
Electrical Parameter			
Supply Voltage	3.3V~4.35V, typ.3.8V	3.15V~4.35V, typ.3.8V	3.15V~4.35V, typ.3.8V
Sleep Power Consumption	<6mA	<6mA	<6mA
Certifications			
Certifications	CCC/SRRC/CTA	CCC/SRRC/CTA/CE	CCC/SRRC/CTA/CE
Recommended Applications			
Application Fields	It can be widely used in CPE home gateway, TV, AR/VR, industrial router, set-top box, carrier terminal, video surveillance, industrial interconnection and other fields.		

MeiG 5G M2M Module Series

5G

Product	SRM815N		SRM825N		SRM825WN	
Product Picture						
Package	LGA:392-Pin		M.2:75-Pin		M.2:75-Pin	
Dimension(mm)	44.0x43.0x2.7		30.0x52.0x2.3		30.0x52.0x2.3	
5G NR Technical Standard	3GPP Release 16 , Sub-6GHz, NSA/SA mode		3GPP Release 16,Sub-6GHz,NSA/SA mode		3GPP Release 16,Sub-6GHz & mmWave,NSA/SA mode	
Band(MHz)	-EA	5G SA&NSA:N1/N3/N5/N7/N8/N20/N28/N38/N40/ N41/N71/N77/N78/N79 LTE-FDD:B1/B3/B5/B7/B8/B18/B19/B20/B26/ B28/B32 LTE-TDD:B34/B38/B39/B40/B41/B42/B43 WCDMA:B1/B5/B8	-EA	5G SA&NSA:N1/N3/N5/N7/N8/N20/N28/N38/N40/ N41/N71/N77/N78/N79 LTE-FDD:B1/B3/B5/B7/B8/B18/B19/B20/B28/B32 LTE-TDD:B34/B38/B39/B40/B41/B42 WCDMA:B1/B5/B8	-EA	5G SA:N1/N3/N5/N7/N8/N20/N28/N38/N40/ N41/N71/N77/N78/N79 5G NSA:N1/N3/N5/N7/N8/N20/N28/N38/N40/ N41/N71/N77/N78/N79/N257/N258 LTE-FDD:B1/B3/B5/B7/B8/B18/B19/B20/B28/B32 LTE-TDD:B34/B38/B39/B40/B41/B42 WCDMA:B1/B5/B8
Modulation type	DL:QPSK, 16QAM, 64QAM and 256QAM UL:BPSK, QPSK, 16QAM, 64QAM and 256QAM		DL:QPSK, 16QAM, 64QAM and 256QAM UL:BPSK, QPSK, 16QAM, 64QAM and 256QAM		DL:QPSK, 16QAM, 64QAM and 256QAM UL:BPSK, QPSK, 16QAM, 64QAM and 256QAM	
Sub-Carrier Spacing(SCS)	SCS support 15KHz and 30KHz		SCS support 15KHz and 30KHz		SCS support 15KHz and 30KHz	
5G DL 4×4 MIMO Band	N1/N3/N7/N38/N40/N41/N77/N78/N79		-EA:N1/N3/N7/N38/N40/N41/N77/N78/N79 -NA:N1/N3/N7/N38/N40/N41/N77/N78		N1/N3/N7/N38/N40/N41/N77/N78/N79	
5G UL 2×2 MIMO Band	N38/N41/N77/N78/N79		-EA:N41/N77/N78/N79 -EU:N77/N78		N38/N41/N77/N78/N79	
Weight	<12g		<8g		<8g	
Working Temperature	Normal operating temperature: -30℃ ~+75℃ Extended operating temperature: -40℃~+85℃		Normal operating temperature: -30℃ ~+75℃ Extended operating temperature: -40℃~+85℃		Normal operating temperature: -30℃ ~+75℃ Extended operating temperature: -40℃~+85℃	
5G NR Speed	-Downlink up to 2.4Gbps -Uplink up to 900Mbps		Sub6G:-Downlink up to 2.4Gbps -Uplink up to 900Mbps		mmWave: -Downlink up to 4.3Gbps -Uplink up to 1.6Gbps Sub6G: -Downlink up to 2.3Gbps -Uplink up to 900Mbps	
LTE Speed(Mbps)	-Downlink up to 1.6Gbps -Uplink up to 200Mbps		-Downlink up to 1.6Gbps -Uplink up to 200Mbps		-Downlink up to 1.6Gbps -Uplink up to 200Mbps	
WCDMA Speed(Kbps)	-Downlink up to 42.4Mbps -Uplink up to 5.76Mbps		-Downlink up to 42.4Mbps -Uplink up to 5.76Mbps		-Downlink up to 42.4Mbps -Uplink up to 5.76Mbps	
SIM	1.8V/3V x2		1.8V/3V x2		1.8V/3V x2	
eSIM	•		•		•	
UART	•		•		•	
USB	USB 3.1		USB 3.1		USB 3.1	
PCIe	PCIe 3.0		PCIe 3.0		PCIe 3.0	
RGMII	—		—		—	
I2C	•		•		•	
PCM Voice	★		•		•	
ADC	•		•		•	
GPIO	•		•		•	
Antenna	total 11: ANT_PRI/ANT_DIV/ANT_MIMO: x10 GNSS:x1		ANT_PRI/ANT_DIV/ANT_MIMO:x4 GPS:x1		mmWave RF connector:x4 ANT_PRI/ANT_DIV/ANT_MIMO:x4 GPS:x1	
TTS	•		•		•	
TCP/IP	•		•		•	
FTP	★		★		★	
HTTP	★		★		★	
RIL Driver	Android 4.2/4.4/5.0/5.1/6.0/7.0/8.0/9.0/10.0		Android 4.2/4.4/5.0/5.1/6.0/7.0/8.0/9.0/10.0		Android 4.2/4.4/5.0/5.1/6.0/7.0/8.0/9.0/10.0	
NDIS	Windows 7/8/10		Windows 7/8/10		Windows 7/8/10	
ECM	•		•		•	
Gobinet	Linux 2.6 or later		Linux 2.6 or later		Linux 2.6 or later	
GNSS	•		•		•	
USB Audio Class (UAC)	•		•		•	
IP Passthrough	•		•		•	
Firmware Update	USB/DFOTA		USB/DFOTA		USB/DFOTA	
Supply Voltage	3.3V~4.35V, typ.3.8V		3.15V~4.35V, typ.3.8V		3.15V~4.35V, typ.3.8V	
Sleep Power Consumption	<6mA		<6mA		<6mA	
Certifications	CCC*/SRRC*/CTA*/CE*		CCC*/SRRC*/CTA*/CE*/FCC*/PTCRB*/GCF*/JATE*/TELEC*		CCC*/SRRC*/CTA*/CE*	
Recommended Applications						
Application Fields	It can be widely used in CPE home gateway, TV, AR/VR, industrial router, set-top Box, carrier terminal, video surveillance, industrial interconnection and other fields.					

MeiG 5G M2M Module Series

5G

Product	SRM813Q RedCap	SRM813A RedCap
Product Picture		
Package	LGA/M.2/MiniPCle	LGA
Dimension(mm)	LGA: 29.0×32.0×2.4mm M.2: 30.0×42.0×3.25mm MiniPCle: 50.95×30.0×3.45mm	29.0*32.0*2.7
5G NR Technical Standard	3GPP Release 17, Sub-6GHz SA Only	3GPP Release 17, RedCap, Sub-6GHz SA Only
Band(MHz)	-CN 5G NR: FDD: N1/N5/N8/N28 TDD: N41/N78 LTE-FDD: B1/B3/B5/B8 LTE-TDD: B34/B38/B39/B40/B41	-CN 5G NR: FDD: N1/N3/N5/N8/N28 TDD: N41/N78/N79 LTE-FDD: B1/B3/B5/B8 LTE-TDD: B34/B38/B39/B40/B41
	-NA 5G NR: FDD: N2/N5/N7/N12/N13/N25/N66/N71 TDD: N38/N41/N48/N77/N78 LTE-FDD: B2/B4/B5/B7/B12/B13/B17/B25/B26/B66/B71 LTE-TDD: B38/B41/B42/B43/B48	-EA 5G NR: FDD: N1/N3/N5/N7/N8/N20/N28 TDD: N38/N40/N41/N77/N78 LTE-FDD: B1/B3/B5/B7/B8/B20/B28 LTE-TDD: B38/B40/B41/B42/B43
	-EA 5G NR: FDD: N1/N3/N5/N7/N8/N20/N28 TDD: N38/N40/N41/N77/N78 LTE-FDD: B1/B3/B5/B7/B8/B20/B28 LTE-TDD: B38/B40/B41/B42/B43	-NA 5G NR: FDD: N2/N5/N7/N8/N28/N66/N71 TDD: N38/N40/N78 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B25/B26/B28/B66/B71 LTE-TDD: B38/B40/B42/B43
Modulation type	DL: QPSK, 16QAM, 64QAM and 256QAM UL: BPSK, QPSK, 16QAM, 64QAM and 256QAM	DL: QPSK, 16QAM, 64QAM and 256QAM UL: BPSK, QPSK, 16QAM, 64QAM
Sub-Carrier Spacing(SCS)	SCS support 15KHz and 30KHz	SCS support 15KHz and 30KHz
5G DL 4×4 MIMO Band	—	—
5G UL 2×2 MIMO Band	—	—
Weight	<8g	<8g
Working Temperature	Normal operating temperature: -30°C ~+75°C Extended operating temperature: -40°C~+85°C	Normal operating temperature: -30°C ~+75°C Extended operating temperature: -40°C~+85°C
Data Transmission		
5G NR Speed	Sub6G: -Downlink up to 220Mbps -Uplink up to 100Mbps	Sub6G: -Downlink up to 220Mbps -Uplink up to 120Mbps
LTE Speed(Mbps)	-Downlink up to 220Mbps -Uplink up to 100Mbps	-Downlink up to 150Mbps -Uplink up to 50Mbps
WCDMA Speed(Kbps)	—	—
Interface		
SIM	1.8V/3V x2	1.8V/3V x2
eSIM	•	•
UART	•	•
USB	USB 2.0	USB 2.0
PCIe	PCIe 2.0	PCIe 2.0
RGMII	SGMII	RGMII
I2C	•	•
PCM Voice	•	•
ADC	•	•
GPIO	•	•
Antenna	ANT_PRI/ANT_DIV x2 GNSS: x1	ANT_PRI/ANT_DIV x2 GNSS: x1
Special Function		
TTS	•	*
TCP/IP	•	•
FTP	*	*
HTTP	*	*
RIL Driver	Android 4.2/4.4/5.0/5.1/6.0/7.0/8.0/9.0/10.0	Android 4.2/4.4/5.0/5.1/6.0/7.0/8.0/9.0/10.0
NDIS/NCM	Windows 7/8/10/11	Windows 7/8/10/11
ECM	•	•
Gobinet	Linux 2.6 or later	—
GNSS	•	—
USB Audio Class (UAC)	•	*
IP Passthrough	•	*
Firmware Update	USB/DFOTA	USB/DFOTA
Electrical Parameter		
Supply Voltage	3.3V~4.35V, typ.3.8V	3.3V~4.35V, typical 3.8V
Sleep Power Consumption	<6mA	<6mA
Certifications		
Certifications	CCC*/SRRC*/CTA*/CE*/FCC*	CCC*/SRRC*/CTA*/CE*/FCC*
Recommended Applications		
Application Fields	It can be widely used in CPE home gateway, TV, AR/VR, industrial router, set-top Box, carrier terminal, video surveillance, industrial interconnection and other fields.	

MeiG AI Computing Module Series



Product	SNM980	SNM970	SNM960	SNM950	SNM930/930L
Product Picture					
OS	Android	Android/Linux	Android	Android/Linux	Android/Linux
CPU	Octa-core	Octa-core	Octa-core	Octa-core	Octa-core
GPU	Adreno™ 830	Adreno™ GPU 740	Adreno™ GPU 730	Adreno™ GPU 650	Adreno™ GPU 642/635
DPU	dual HVX + 4K-HMX	4x HVX NPU:1xHTA	4x HVX NPU:230	4x HVX NPU:230	dual HVX + 2K-HMX
AI(cDSP)	~64 Tops(int 8)	48 Tops	27 Tops	15 Tops	3~8 Tops
Memory	256+16/512+24(GB)	128+8/128+16/256+16(GB)	128+8/128+12/256+12(GB)	128+8/128+12/256+12(GB)	64+4/128+6/128+8(GB)
Package	LGA	LGA:491Pin	LGA:491Pin	LGA:491Pin	LGA:458Pin
Dimension(mm)	42.0*47.0*2.7	45.0x40.0x2.7	45.0x40.0x2.7	45.0x40.0x2.7	47.0x48.0x3.0
Supply Voltage	3.5V~4.35V, typ.3.8V	3.5V~4.35V, typ.3.8V	3.5V~4.35V, typ.3.8V	3.5V~4.35V, typ.3.8V	3.5V~4.35V, typ.3.8V
Working Temperature	-25°C~+75°C	-30°C~+75°C	-30°C~+75°C	-30°C~+75°C	-30°C~+75°C
Storage Temperature	-40°C~+90°C	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C
Special Function					
Firmware Upgrade	Upgrade through USB interface	Upgrade through USB interface	Upgrade through USB interface	Upgrade through USB interface	Upgrade through USB interface
WLAN	Wi-Fi 7: 802.11be, 2 x 2 MIMO	Wi-Fi7 (2x2 MU-MIMO 802.11a/b/g/n/ac/ax/be)	Wi-Fi 6E(2 x 2 MU-MIMO 802.11a/b/g/n/ac/ax)	Wi-Fi 6E(2 x 2 MU-MIMO 802.11a/b/g/n/ac/ax)	Wi-Fi 6E(2 x 2 MU-MIMO 802.11a/b/g/n/ac/ax)
BT	BT6.0	BT5.3	BT5.2	BT5.1	BT5.2
Interface					
Display	Two screen/three screen 2*4-lane MIPI-DSI Maximum Resolution: 3840 x 2560@144Hz	Two screen/three screen 2*4-lanes MIPI_DSI 1* DP Maximum Resolution: 3480 x 2160@120 Hz 3360 x 1600@144 Hz	Two screen/three screen 2*4-lanes MIPI_DSI 1* DP 1* 5120 x 2880@60Hz 2* 3840 x 2160@60Hz	Two screen/three screen 2*4-lanes MIPI_DSI 1* DP Maximum Resolution: 2560x1600@60Hz	dual screen 1*4-lanes MIPI_DSI 1* DP FHD+1080*2520@60fps+4K@60fps
Camera	6*4-lane MIPI-CSI (36M+36M+36M or 64M+36M or 108MP)@30fps	8*4-lane MIPI-CSI (36+36+36MP) @30fps - triple camera (64+36MP) @30fps - dual camera 108MP @30fps	6*4-lane MIPI-CSI (28+28+28MP) @30fps - triple camera (64+25MP) @30fps - dual camera 108MP @30fps	6*4-lane MIPI-CSI (25+25MP or 64MP) @30fps	5*4-lane MIPI-CSI (22+22+22MP or 64MP) @30fps
Video	Encode:4K240/8K60- H.264/ H.265/VP9 Decode:4K120/8K30- H.264/ H.265	Encode: 4K@240fps/8K@60fps H.264/H.265/VP9 Decode: 4K@120fps/8K@30fps H.264/H.265 Concurrency: 4K@60fps decode + 4K@60fps encode	Encode: 4K@240fps/8K@60fps H.264/H.265/VP8/VP9/MPEG-2 Decode: 4K@120fps/8K@30fps H.264/H.265/VP8 Concurrency: 4K@60fps decode + 4K@60fps encode	Encode: 4K@240fps/8K@60fps H.264/H.265/VP8/VP9/MPEG-2 Decode: 4K@120fps/8K@30fps H.264/H.265/VP8 Concurrency: 4K@60fps decode + 4K@30fps encode	Encode: 4K@60fps H.264/H.265/VP9 Decode: 4K@30fps H.264/H.265 Concurrency: 1080P@60fps decode + 1080P@60fps encode
Audio	Mp3;AAC+,eAAC;AMR-NB, -WB,G.711,WMA 9/10 Pro	Mp3;AAC+,eAAC;AMR-NB, -WB,G.711,WMA 9/10 Pro	Mp3;AAC+,eAAC;AMR-NB, -WB,G.711,WMA 9/10 Pro	Mp3;AAC+,eAAC;AMR-NB, -WB,G.711,WMA 9/10 Pro	Mp3;AAC+,eAAC;AMR-NB, -WB,G.711,WMA 9/10 Pro
Hardware Interface	USB 3.1 Gen2*1,Support OTG	USB 3.1 *1, Support OTG	USB 3.1 *1, Support OTG	USB 3.1*1, USB 2.0*1, Support OTG	USB 3.1 *1, USB2.0*1, Support OTG
	UART*3	UART*3	UART*3	UART*7	UART*3
	I2C*3	I2C*3	I2C*7	I2C*12	I2C*5
	SPI*5	SPI*5	SPI*6	SPI*5	SPI*2
	ADC*2	ADC*2	ADC*6	ADC*4	ADC*2
	GPIO*35	GPIO*35	GPIO*40	GPIO*57	GPIO*19
	PCIE *1	PCIE *1	PCIE *1	PCIE *2	PCIE *1
	SDIO*1	SDIO*1	SDIO*1	SDIO*1	SDIO*1
Certifications					
Certifications	CCC*	CCC*	CCC*	CCC*	CCC
Recommended Applications					
Application Fields	It can be widely used in cloud game server, video conference system, VR camera, intelligent robot, video acquisition and processing equipment and other fields.				

MeiG Smart 4G SoC Module Series

Product	SLM927		SLM927M	
Product Picture				
OS	Android		Android	
CPU	Octa-core		Octa-core	
Memory	32+3/64+4/128+8(GB)		32+3/64+4/128+8(GB)	
Band(MHz)	-EAU	LTE-FDD:B1/B3/B5/B7/B8/B20/B28 LTE-TDD:B38/B40/B41(2496-2690MHz) WCDMA:B1/B2/B5/B8 GSM:850/900/1800/1900	-EAU	LTE-FDD:B1/B3/B5/B7/B8/B20/B28 LTE-TDD:B38/B40/B41(2496-2690MHz) WCDMA:B1/B2/B5/B8 GSM:850/900/1800/1900
	-CN	LTE-FDD:B1/B3/B5/B8 LTE-TDD:B34/B38/B39/B40/B41(2535-2655MHz) WCDMA:B1/B8 GSM:900/1800	-CN	LTE-FDD:B1/B3/B5/B8 LTE-TDD:B34/B38/B39/B40/B41(2535-2655MHz) WCDMA:B1/B8 GSM:900/1800
	-JP	LTE-FDD:B1/B3/B8/B18/B19/B26 LTE-TDD:B41 WCDMA:B1/B3/B6/B8/B19 GSM:900/1800	-JP	LTE-FDD:B1/B3/B8/B18/B19/B26 LTE-TDD:B41 WCDMA:B1/B3/B6/B8/B19 GSM:900/1800
	-A	LTE-FDD:B2/B4/B5/B7/B12/B13/B14/B17/B25/B26/B66/B71 LTE-TDD:B41(2496-2690MHz) WCDMA:B2/B4/B5	-A	LTE-FDD:B2/B4/B5/B7/B12/B13/B14/B17/B25/B26/B66/B71 LTE-TDD:B41(2496-2690MHz) WCDMA:B2/B4/B5
Package	LCC:148Pin+LGA:128Pin		LCC:148Pin+LGA:128Pin	
Dimension(mm)	41.0x41.0x2.6		41.0x41.0x2.6	
4G	LTE Cat.6		LTE Cat.6	
Supply Voltage	3.5V~4.35V, typ.3.8V		3.5V~4.35V, typ.3.8V	
Working Temperature	-30°C~+75°C		-30°C~+75°C	
Storage Temperature	-40°C~+85°C		-40°C~+85°C	
Data Transmission				
LTE Speed(Mbps)	Max 300(DL)/50(UL)		Max 300(DL)/50(UL)	
DC-HSPA+Speed(Mbps)	Max 42(DL)/Max 11(UL)		Max 42(DL)/Max 11(UL)	
WCDMA Speed(Kbps)	Max 384(DL)/Max 384(UL)		Max 384(DL)/Max 384(UL)	
TD-SCDMA Speed(Mbps)	Max 4.2(DL)/Max2.2(UL)		Max 4.2(DL)/Max2.2(UL)	
EDGE Speed(Kbps)	Max 236.8(DL)/Max 236.8(UL)		Max 236.8(DL)/Max 236.8(UL)	
GPRS Speed(Kbps)	Max 86.5(DL)/Max 86.5(UL)		Max 86.5(DL)/Max 86.5(UL)	
SMS	•		•	
CSD	•		•	
Special Function				
Firmware Upgrade	Upgrade through USB interface		Upgrade through USB interface	
VoLTE	•		•	
WLAN	2.4G&5G,802.11 a/b/g/n/ac/ax ready		2.4G&5G,802.11 a/b/g/n/ac/ax ready	
BT	BT5.1		BT5.1	
FM	—		—	
GNSS	GPS/Beidou/Glonass		GPS/Beidou/Glonass	
Interface				
Display	1x 4-lane MIPI_DSI FHD+ (1080x2520) @60Hz/90Hz		1x 4-lane MIPI_DSI FHD+ (1080x2520) @60Hz/90Hz	
Camera	3x 4-lane MIPI_CSI interface Support 3× ISP Triple camera: 13 + 13 + 5 MP@30fps ZSL (13+13+5MP) @30fps tiple camera (16+15MP or 25+5MP) @30fps dual camera 32MP or 64MP @30fps single camera		3x 4-lane MIPI_CSI interface Support 2× ISP (13+13MP or 25MP) @30fps dual camera 16MP @fps single camera	
Video	Encode:1080P@60fps HEVC/H.264/H.265/VP9 Decode: 1080P@60fps HEVC/H.264/H.265 Concurrency: 1080P@30fps decode + 1080P@30fps encode		Encode: 1080P@60fps HEVC/H.264/H.265/VP9 Decode: 1080P@60fps HEVC/H.264/H.265 Concurrency: 1080P@30fps decode + 1080P@30fps encode	
Audio	Simulated audio: speaker, earpiece, headphones, 3 sets of microphones Supports 1 set of noise cancelling microphones		Simulated audio: earpiece, headphones, 3 sets of microphones Supports 1 set of noise cancelling microphones	
Hardware Interface	USB 2.0/3.1*1,Support OTG		USB 2.0/3.1*1,Support OTG	
	UART*2		UART*2	
	I2C*5		I2C*5	
	SPI*1		SPI*1	
	ADC*2		ADC*2	
	USIM*2		USIM*2	
	SDIO*1		SDIO*1	
	GPIO*19		GPIO*19	
Antenna	Main antenna , Diversity antenna , GNSS Antenna , Wi-Fi/BT Antenna		Main antenna , Diversity antenna , GNSS Antenna , Wi-Fi/BT Antenna	
Certifications				
Certifications	CCC/CE/FCC/JATE/TELEC		CCC*/CE*/FCC*/JATE*/TELEC*	
Recommended Applications				
Application Fields	Smart POS, Security Monitoring, Automotive Device, VR/AR, Information Collection equipment, Smart Robots, Smart Home, Intelligent Hardware, Industrial Smart Handhelds, Smart PAD, UAV, VR Camera, Full-view Camera, Multi-touch Device, Walkie-talkie, Smart Wearables, Vending Machines, Logistics Cabinet etc.			

MeiG Smart 4G SoC Module Series

Product	SLM926	SLM925
Product Picture		
OS	Android	Android
CPU	Octa-core	Octa-core
Memory	16+2/32+3/64+4(GB)	32+3/64+4/128+6(GB)
Band(MHz)	-C LTE-FDD:B1/B3/B5/B8 LTE-TDD:B34/B38/B39/B40/B41 EVDO/CDMA:BC0 WCDMA:B1/B8 TD-SCDMA:B34/B39 GSM:900/1800 -E LTE-FDD:B1/B3/B5/B7/B8/B20/B28 WCDMA:B1/B5/B8 GSM:850/900/1800 LTE-TDD:B38/B40/B41 -A LTE-FDD:B2/B4/B5/B7/B12/B13/B17/B25/B26/B66 WCDMA:B2/B4/B5/B8 GSM:850/1900 -AU LTE-FDD:B1/B3/B5/B7/B8/B28 WCDMA:B1/B5/B8 GSM:850/900/1800 LTE-TDD:B40 -J LTE-FDD:B1/B3/B8/B18/B19/B26 WCDMA:B1/B6/B8/B19 LTE-TDD:B41 -LA LTE-FDD:B2/B4/B5/B7/B8/B25/B28/B66 WCDMA:B2/B5/B8 GSM:850/900/1900 LTE-TDD:B40	-C LTE-FDD:B1/B3/B5/B8 LTE-TDD:B34/B38/B39/B40/B41 WCDMA:B1/B8 EVDO/CDMA:BC0 GSM:900/1800 TD-SCDMA:B34/B39 -E LTE-FDD:B1/B3/B5/B7/B8/B20 WCDMA:B1/B5/B8 GSM:850/900/1800 LTE-TDD:B38/B40/B41 -A* LTE-FDD:B2/B4/B5/B7/B12/B13/B14/B25/B26 GSM:850/1900 LTE-TDD:B41 WCDMA:B1/B2/B4/B5 -AU* LTE-FDD:B1/B3/B5/B7/B8/B28 WCDMA:B1/B2/B5/B8 LTE-TDD:B40 GSM:850/900/1800/1900 -J* LTE-FDD:B1/B3/B8/B18/B19/B26 WCDMA:B1/B6/B8/B19 LTE-TDD:B41 -LA* LTE-FDD:B2/B4/B5/B7/B8/B28 WCDMA:B2/B5/B8 LTE-TDD:B40 GSM:850/900/1900 (Global) Only supported Wi-Fi & BT
Package	LCC 160pin+LGA 112pin	LCC 152pin+LGA 171pin
Dimension(mm)	41.0x45.5x2.85	43.0x44.0x2.85
4G	LTE Cat.4/6	LTE Cat.6
Supply Voltage	3.5V~4.35V, typ.3.8V	3.5V~4.35V, typ.3.8V
Working Temperature	-30°C~+75°C	-30°C~+75°C
Storage Temperature	-40°C~+85°C	-40°C~+85°C
Data Transmission		
LTE Speed(Mbps)	Cat.4 FDD: Maximum 300Mbps (DL)/50Mbps (UL) Cat.4 TDD: Maximum 265Mbps (DL)/35Mbps (UL)	Max 300(DL)/50(UL)
DC-HSPA+Speed(Mbps)	5.76Mbps (UL)/42Mbps (DL)	Max 42(DL)/Max 11(UL)
WCDMA Speed(Kbps)	Max 384(DL)/Max 384(UL)	Max 384(DL)/Max 384(UL)
TD-SCDMA Speed(Mbps)	Max 4.2(DL)/Max 2.2(UL)	Max 4.2(DL)/Max 2.2(UL)
EDGE Speed(Kbps)	•	Max 236.8(DL)/Max 236.8(UL)
GPRS Speed(Kbps)	•	Max 86.5(DL)/Max 86.5(UL)
SMS	•	•
CSD	•	•
Special Function		
Firmware Upgrade	Upgrade through USB interface	Upgrade through USB interface
VoLTE	•	•
WLAN	2.4G&5G,802.11 a/b/g/n/ac	2.4G&5G,802.11 a/b/g/n/ac
BT	BT5.0	BT4.2
FM	•	—
GNSS	GPS/Beidou/Glonass	GPS/Beidou/Glonass/Galileo/QZSS
Interface		
Display	4-lane MIPI_DSI, FHD+(2520*1080) @60fps	1*4 lanes MIPI_DSI, 1* DisplayPort, FHD+ 1080*2520@60fps
Camera	3*ISP Host Camera: 4-lane MIPI_CSI; Assist Camera: 4-lane MIPI_CSI; (13+13+5MP)@30fps triple camera (25+5MP) or 13+13MP@30fps dual camera (16+6MP) @24fps dual camera	3*MIPI CSI(4/4/4 or 4/4/2)1*ISP(16+16MP or 25MP) at 30fps ZSL
Video	Encode: 1080P@60fps H.264/H.265/VP9 Decode: 1080P@60fps H.264/H.265 Concurrency: 1080P@30fps decode + 1080P@30fps encode	Encode: 4K@30fps 8bit H.264/VP8; 4K@30fps 10-bit HEVC, VP9 1080P@60fps, MPEG-2 Decode: 4K@30fps, 10-bit HEVC and 4K@30fps H.264/VP8 4K@30fps Decode+1080P@30fps Encode Concurrency: 4K@30fps decode + 1080P@30fps encode
Audio	Simulated audio: speaker, earpiece, headphones, 3 sets of microphones Supports 1 set of noise cancelling microphones	Mp3;AAC;HE ACC v1,v2;WMA 9/Pro;Dolby AC-3,eAc-3,DTS-HD,FLAC,APE,ALAC, AIFF and EVS
Hardware Interface	USB 2.0/3.1*1, 支持OTG	USB 3.1*1
	UART*3	UART*3
	I2C*7	I2C*5
	SPI*2	SPI*2
	ADC*2	ADC*2
	USIM*2	USIM*2
Antenna	SDIO*1	SDIO*1
	GPIO*27	GPIO*19
Antenna	Main antenna , Diversity antenna , GNSS Antenna , Wi-Fi/BT Antenna	Main antenna , Diversity antenna , GNSS Antenna , Wi-Fi/BT Antenna
Certifications		
Certifications	CCC*	CCC/CE*/FCC*/CTA*/PTCRB*
Recommended Applications		
Application Fields	Smart POS, Security Monitoring, Automotive Device, VR/AR, Information Collection equipment, Smart Robots, Smart Home, Intelligent Hardware, Industrial Smart Handhelds, Smart PAD, UAV, VR Camera, Full-view Camera, Multi-touch Device, Walkie-talkie, Smart Wearables, Vending Machines, Logistics Cabinet etc.	

MeiG Smart 4G SoC Module Series

Product	SLM920				SLM900	
Product Picture						
OS	Android				Android	
CPU	Octa-core				Octa-core	
Memory	32+3/64+4/128+6(GB)				32+3/64+4(GB)	
Band(MHz)	-C	LTE-FDD:B1/B3/B5/B8 LTE-TDD:B34/B38/B39/B40/B41	WCDMA:B1/B8 GSM:900/1800	EVDO/CDMA:BC0 TD-SCDMA:B34/B39	-A	LTE-FDD:B2/B4/B5/B7/B12/B13/B17/B25/B26/B66 WCDMA:B2/B4/B5 GSM:850/1900
	-E	LTE-FDD:B1/B3/B5/B7/B8/B20 LTE-TDD:B38/B40/B41	WCDMA:B1/B5/B8 GSM:850/900/1800		-C	LTE-FDD:B1/B3/B5/B8 LTE-TDD:B34/B38/B39/B40/B41 TDSCDMA:B34/B39 GSM:850/900/1800 WCDMA:B1/B8 CDMA 1X/EVDO:BC0
	-A	LTE-FDD:B2/B4/B5/B7/B12/B13/B14/B17/B25/B26/B66 LTE-TDD:B41	WCDMA:B2/B4/B5 GSM:850/1900		-E	LTE-FDD:B1/B3/B5/B7/B8/B20 LTE-TDD:B38/B40/B41 WCDMA:B1/B2/B5/B8 GSM:850/900/1800
	-AU	LTE-FDD:B1/B3/B5/B7/B8/B28 LTE-TDD:B40	WCDMA:B1/B2/B5/B8 GSM:850/900/1800/1900		-LA	LTE-FDD:B2/B4/B5/B7/B8/B28 LTE-TDD:B40 WCDMA:B2/B5/B8 GSM:850/900/1900
	-J*	LTE-FDD:B1/B3/B8/B18/B19/B26 LTE-TDD:B41	WCDMA:B1/B6/B8/B19			
	-LA*	LTE-FDD:B2/B4/B5/B7/B8/B28 LTE-TDD:B40	WCDMA:B2/B5/B8 GSM:850/900/1900			
	(Global)	Only supported Wi-Fi & BT				
Package	LCC 160pin+LGA 112pin				LCC 160pin+LGA 112pin	
Dimension(mm)	41.0x45.5x2.85				41.0x45.5x2.85	
4 G	LTE Cat.6				LTE Cat.6	
Supply Voltage	3.5V~4.35V, typ.3.8V				3.5V~4.35V, typ.3.8V	
Working Temperature	-30°C~+75°C				-30°C~+75°C	
Storage Temperature	-40°C~+85°C				-40°C~+85°C	
LTE Speed(Mbps)	Max 300(DL)/50(UL)				Max 300(DL)/50(UL)	
DC-HSPA+Speed(Mbps)	Max 42(DL)/Max 11(UL)				Max 42(DL)/Max 11(UL)	
WCDMA Speed(Kbps)	Max 384(DL)/Max 384(UL)				Max 384(DL)/Max 384(UL)	
TD-SCDMA Speed(Mbps)	Max 4.2(DL)/Max 2.2(UL)				Max 4.2(DL)/Max 2.2(UL)	
EDGE Speed(Kbps)	Max 236.8(DL)/Max 236.8(UL)				Max 236.8(DL)/Max 236.8(UL)	
GPRS Speed(Kbps)	Max 86.5(DL)/Max 86.5(UL)				Max 86.5(DL)/Max 86.5(UL)	
SMS	•				•	
CSD	•				•	
Firmwart Upgrade	Upgrade through USB interface				Upgrade through USB interface	
VoLTE	•				•	
WLAN	2.4G&5G,802.11 a/b/g/n/ac				2.4G&5G,802.11 a/b/g/n/ac	
BT	BT4.2/BT5.0				BT5.X	
FM	—				•	
GNSS	GPS/Beidou/Glonass				GPS/Beidou/Glonass/Galileo/QZSS	
Display	1*4 lanes MIPI_DSI,1* DisplayPort,FHD+ 1080*2520@60fps				Support Two LCMs;4 lanes MIPI DSI 2560*1600 60fps(WQSGA)	
Camera	(16+16MP or 25MP) @30fps dual camera 16MP @fps single camera				MIPI_CSI,support three cameras Double ISP up to 16MP 4-lane MIPI_CSI for rear camera,up to 24MP 4-lane MIPI_CSI for front camera,up to 16MP	
Video	Encode: 4K@30fps 8 bit H.264/VP8; 4K@30fps 10bit HEVC/VP9; 1080P@60fps MPE Decode: 4K@30fps 10 bit HEVC+4K@30fps H.2647VP8 Concurrency: 4K@30fps decode + 1080P@30fps encode				Encode: 4K@30fps 8 bit H.264/VP8; 4K@30fps 10bit HEVC/VP9; 1080P@60fps MPE Decode: 4K@30fps 10 bit HEVC+4K@30fps H.2647VP8 Concurrency: 4K@30fps decode + 1080P@30fps encode	
Audio	Mp3;AAC+,eAAC;AMR-NB,-WB,G.711,WMA 9/10 Pro				Mp3; aacPlus, eAAC; AMR-NB, AMR-WB, G.711,Windows Media Audio(WMA) 9/10 Pro	
Hardware Interface	USB 2.0*1,USB 3.1*1, Support OTG				USB 2.0/3.0*1,Support OTG	
	UART*3				UART*3	
	I2C*5				I2C*5	
	SPI*2				SPI*2	
	ADC*2				ADC *2	
	USIM*2				GPIO*19	
	SDIO*1				SIM卡 *2	
Antenna	GPIO*19				SDIO *1	
	Main antenna , Diversity antenna , GNSS Antenna , Wi-Fi/BT Antenna				Main antenna , Diversity antenna , GNSS Antenna , Wi-Fi/BT Antenna	
Certifications	CCC/CE/FCC/JATE/TELEC				CCC/CE/FCC/ROHS/JATE/TELEC/CTA*/PTCRB*	
Application Fields	Smart POS, Security Monitoring, Automotive Device, VR/AR, Information Collection equipment, Smart Robots, Smart Home, Intelligent Hardware, Industrial Smart Handhelds, Smart PAD, UAV, VR Camera, Full-view Camera, Multi-touch Device, Walkie-talkie, Smart Wearables, Vending Machines, Logistics Cabinet etc.					

MeiG Smart 4G SoC Module Series

Product	SLM759	SLM758
Product Picture		
OS	Android	Android
CPU	Octa-core	Octa-core
Memory	16+2/32+3/64+4(GB)	16+2/32+3/64+4(GB)
Band(MHz)	-A -E -J -AU -LA (WiFi-Only) Wi-Fi:802.11 a/b/g/n/ac* BT4.2 LTE-FDD:B2/B4/B5/B7/B12/B13/B17/B25/B26 LTE-TDD:B41 WCDMA:B1/B2/B4/B5 GSM:850/1800 LTE-FDD:B1/B3/B5/B7/B8/B20/B28A LTE-TDD:B38/B40/B41 WCDMA:B1/B2/B5/B8 GSM:850/900/1800/1900 LTE-FDD:B1/B3/B8/B19/B26 LTE-TDD:B41 WCDMA:B1/B6/B8/B19 LTE-FDD:B1/B3/B5/B7/B8/B28 LTE-TDD:B40 WCDMA:B1/B2/B5/B8 GSM:850/900/1800/1900 LTE-FDD:B2/B4/B5/B7/B8/B28 LTE-TDD:B40 WCDMA:B2/B5/B8 GSM:850/1800/1900	-A -C -E -J -AU LTE-FDD:B2/B4/B5/B12/B13/B17/B28 WCDMA:B2/B4/B5 LTE-FDD:B1/B3/B5/B8 LTE-TDD:B38/B39/B40/B41 TDS:B34/B39 WCDMA:B1/B5/B8 EVDO&CDMA:BC0 GSM:850/900/1800 LTE-FDD:B1/B3/B5/B7/B8/20 LTE-TDD:B38/B40/B41 WCDMA:B1/B5/B8 GSM:850/900/1800 LTE-FDD:B1/B3/B8/B9/B19/B26/B28 WCDMA:B1/B8/B9/B19 LTE-FDD:B1/B3/B5/B7/B8/B28 LTE-TDD:B38/B40/B41 WCDMA:B1/B5/B8 GSM:850/900/1800
Package	LCC 160pin+LGA 112pin	LCC 160pin+LGA 112pin
Dimension(mm)	43.0x44.0x2.85	41.0x45.5x2.85
4G	LTE Cat.4	LTE Cat.4
Supply Voltage	3.5V~4.35V, typ.3.8V	3.5V~4.35V, typ.3.8V
Working Temperature	-30°C~+75°C	-30°C~+75°C
Storage Temperature	-40°C~+85°C	-40°C~+85°C
Data Transmission		
LTE Speed(Mbps)	Max 150(DL)/50(UL)	Max 150(DL)/50(UL)
DC-HSPA+Speed(Mbps)	Max 42(DL)/Max 11(UL)	Max 42(DL)/Max 11(UL)
WCDMA Speed(Kbps)	Max 384(DL)/Max 384(UL)	Max 384(DL)/Max 384(UL)
TD-SCDMA Speed(Mbps)	Max 4.2(DL)/Max 2.2(UL)	Max 4.2(DL)/Max 2.2(UL)
EDGE Speed(Kbps)	Max 236.8(DL)/Max 236.8(UL)	Max 236.8(DL)/Max 236.8(UL)
GPRS Speed(Kbps)	Max 86.5(DL)/Max 86.5(UL)	Max 86.5(DL)/Max 86.5(UL)
SMS	•	•
CSD	•	•
Special Function		
Firmware Upgrade	Upgrade through USB interface	Upgrade through USB interface
VoLTE	•	•
WLAN	2.4G&5G,802.11 a/b/g/n ; compatible with 11ac	2.4G&5G,802.11 a/b/g/n ; compatible with 11ac
BT	BT4.2	BT4.2
FM	—	—
GNSS	GPS/Beidou/Glonass/Galileo	GPS/Beidou/Glonass/Galileo
Interface		
Display	Support Two LCMs;4 lanes MIPI DSI FULL HD:1920*1200 60fps;	Support Two LCMs;4 lanes MIPI DSI FULL HD:1920*1200 60fps;
Camera	MIPI _CSI,support three cameras Double ISP up to 13MP 4-lane MIPI _CSI for rear camera,up to 24MP 4-lane MIPI _CSI for front camera,up to 13MP	MIPI _CSI,support three cameras Double ISP up to 13MP Double ISP up to 13MP 4-lane MIPI _CSI for rear camera,up to 24MP 4-lane MIPI _CSI for front camera,up to 13MP
Video	Encode: 4K@30fps or 1080P@60fps H.264 MP4/WMV9/VC1/DivX/VP8/VP9 Decode: 4K@30fps or 1080P@60fps H.264/H.265/MP4/VP8 Concurrency: 1080P@60fps decode + 1080P@60fps encode	Encode: 4K@30fps or 1080P@60fps H.264 MP4/WMV9/VC1/DivX/VP8/VP9 Decode: 4K@30fps or 1080P@60fps H.264/H.265/MP4/VP8 Concurrency: 1080P@60fps decode + 1080P@60fps encode
Audio	Mp3; aacPlus, eAAC; AMR-NB, AMR-WB, G.711, Windows Media Audio(WMA) 9/10 Pro USB 2.0/3.0*1, Support OTG	Mp3; aacPlus, eAAC; AMR-NB, AMR-WB, G.711, Windows Media Audio(WMA) 9/10 Pro USB 2.0/3.0*1, Support OTG
Hardware Interface	UART*4	UART*4
	I2C*8 (8 sets of BLSPs are available)	I2C*8 (8 sets of BLSPs are available)
	SPI (8 sets of BLSPs are available)	SPI (8 sets of BLSPs are available)
	ADC *2	ADC *2
	GPIO *50	GPIO *50
	SIM Card*2	SIM Card*2
Antenna	SDIO *1	SDIO *1
	Main antenna , Diversity antenna , GNSS Antenna , Wi-Fi/BT Antenna	Main antenna , Diversity antenna , GNSS Antenna , Wi-Fi/BT Antenna
Certifications		
Certifications	CCC/IC/FCC*/PTCRB*/CE/GCF/VZ*/CTA/AT&T*	CCC/SRRC/CTA/SRRC/ROHS/CE/FCC/IC/GCF/RCM/PTCRB/JATE & Telec
Recommended Applications		
Application Fields	Smart POS, Security Monitoring, Automotive Device, VR/AR, Information Collection equipment, Smart Robots, Smart Home, Intelligent Hardware, Industrial Smart Handhelds, Smart PAD, UAV, VR Camera, Full-view Camera, Multi-touch Device, Walkie-talkie, Smart Wearables, Vending Machines, Logistics Cabinet etc.	

MeiG Smart 4G SoC Module Series

Product	SLM757	SLM756
Product Picture		
OS	Android	Android
CPU	Quad-core	Quad-core
Memory	8+1/16+2(GB)	8+1/16+2(GB)
Band(MHz)	-QA LTE-FDD:B2/B4/B5/B12/B13/B17/B28 WCDMA:B2/B4/B5 -QC LTE-FDD:B1/B3/B5/B8 LTE-TDD:B38/B39/B40/B41 TDS:B34/B39 WCDMA:B1/B5/B8 EVDO&CDMA:BC0 GSM:850/900/1800/1900 -QE LTE-FDD:B1/B3/B5/B7/B8/B20 LTE-TDD:B38/B40/B41 WCDMA:B1/B5/B8 GSM:850/900/1800	-NA LTE-FDD:B2/B4/B5/B7/B12/B13/B17 WCDMA:B2/B4/B5 -CH LTE-FDD:B1/B3/B5/B8 LTE-TDD:B38/B39/B40/B41 WCDMA:B1/B5/B8 TD-SCDMA:B34/B39 CDMA1X/EVDO:BC0 GSM:850/900/1800 -EU LTE-FDD:B1/B3/B5/B7/B8/B20 LTE-TDD:B38/B40/B41 WCDMA:B1/B5/B8 GSM:850/900/1800 -LA LTE-FDD:B1/B3/B5/B7/B8/B28 LTE-TDD:B40 WCDMA:B1/B2/B5/B8 GSM:850/900/1800/1900
Package	LCC 146pin+LGA 92pin	LCC 130pin+LGA 12pin (GND)
Dimension(mm)	41.0x41.0x2.85	39.0x44.0x2.85
4 G	LTE Cat.4	LTE Cat.4
Supply Voltage	3.5V~4.35V, typ.3.8V	3.5V~4.35V, typ.3.8V
Working Temperature	-30°C~+75°C	-30°C~+75°C
Storage Temperature	-40°C~+85°C	-40°C~+85°C
Data Transmission		
LTE Speed(Mbps)	Max 150(DL)/50(UL)	Max 150(DL)/50(UL)
DC-HSPA+Speed(Mbps)	Max 42(DL)/Max 11(UL)	Max 42(DL)/Max 11(UL)
WCDMA Speed(Kbps)	Max 384(DL)/Max 384(UL)	Max 384(DL)/Max 384(UL)
TD-SCDMA Speed(Mbps)	Max 4.2(DL)/Max 2.2(UL)	Max 4.2(DL)/Max 2.2(UL)
EDGE Speed(Kbps)	Max 236.8(DL)/Max 236.8(UL)	Max 236.8(DL)/Max 236.8(UL)
GPRS Speed(Kbps)	Max 86.5(DL)/Max 86.5(UL)	Max 86.5(DL)/Max 86.5(UL)
SMS	•	•
CSD	•	•
Special Function		
Firmware Upgrade	Upgrade through USB interface	Upgrade through USB interface
VoLTE	•	•
WLAN	2.4G,802.11 b/g/n 11a/n 5G Wi-Fi*	2.4G&5G*Wi-Fi, 802.11a*/b/g/n
BT	BT4.2	BT4.1
FM	•	•
GNSS	GPS/Beidou/Glonass	GPS/Beidou/Glonass
Interface		
Display	4 lanes MIPI DSI,HD:1280*800 60fps;	4 lanes MIPI DSI,HD(720P):1280*720@60fps
Camera	MIPI_CSI,support two cameras 4-lane MIPI_CSI for rear camera,up to 16MP 4-lane MIPI_CSI for front camera,up to 8MP	MIPI_CSI,support two cameras MIPI_CSI,support two cameras 2-lane MIPI_CSI for rear camera,up to 8MP 1-lane MIPI_CSI for front camera,up to 2MP
Video	Encode: 4K@30fps or 1080P@60fps H.264 MP4/WMV9/VC1/DivX/VP8/VP9 Decode: 4K@30fps or 1080P@60fps H.264/H.265/MP4/VP8 Concurrency: 1080P@60fps decode + 1080P@60fps encode	Encode: 4K@30fps or 1080P@60fps H.264 MP4/WMV9/VC1/DivX/VP8/VP9 Decode: 4K@30fps or 1080P@60fps H.264/H.265/MP4/VP8 Concurrency: 1080P@60fps decode + 1080P@60fps encode
Audio	Mp3, AAC, He-AAC v1, v2; WMA 9/Pro; Dolby AC-3, eAC-3, DTS-HD M6, DTS-HD M8.	MP3, AAC, AAC+, eAAC, AMR-NB, -WB, G.711, WMA 9/10 Pro
Hardware Interface	USB *1, Support OTG	USB *1, Support OTG
	UART*3	UART*2
	I2C*6 (6 sets of BSLSPs are available)	I2C *4
	SPI (6 sets of BSLSPs are available)	SPI *1
	ADC *2	ADC *2
	GPIO *53	GPIO*17
	SIM Card*2	SIM Card*2
Antenna	SDIO *1	SDIO *1
	Main antenna , Diversity antenna , GNSS Antenna , Wi-Fi/BT Antenna	Main antenna , Diversity antenna , GNSS Antenna , Wi-Fi/BT Antenna
Certifications		
Certifications	CCC/IC/FCC/PTCRB/CE/CTA/AT&T	CCC/CE/FCC/IC/MIC/Telec & JATE/Softbank
Recommended Applications		
Application Fields	Smart POS, Security Monitoring, Automotive Device, VR/AR, Information Collection equipment, Smart Robots, Smart Home, Intelligent Hardware, Industrial Smart Handhelds, Smart PAD, UAV, VR Camera, Full-view Camera, Multi-touch Device, Walkie-talkie, Smart Wearables, Vending Machines, Logistics Cabinet etc.	

MeiG Smart 4G SoC Module Series

Product	SLM550	SLM550S
Product Picture		
OS	Android	Android
CPU	Quad-core	Quad-core
Memory	8+1/16+2/32+2/64+4(GB)	8+1/16+2/32+3/64+4(GB)
Band(MHz)	-C LTE-FDD:B1/B3/B5/B8 LTE-TDD:B34/B38/B39/B40/B41 WCDMA:B1/B8	-C LTE-FDD:B1/B3/B5/B8 LTE-TDD:B34/B38/B39/B40/B41 WCDMA:B1/B8
	-E LTE-FDD:B1/B3/B5/B7/B8/B20/B28A LTE-TDD:B38/B40/B41	-E LTE-FDD:B1/B2/B3/B5/B7/B8/B20/B28 LTE-TDD:B38/B40/B41
	-A LTE-FDD:B2/B4/B5/B7/B12/B13/B17/B25/B26/B66 WCDMA:B2/B4/B5/B8	-A LTE-FDD:B2/B4/B5/B7/B8/B28 LTE-TDD:B40
	-AU* LTE-FDD:B1/B3/B5/B7/B8/B28 LTE-TDD:B40	-LA LTE-FDD:B2/B4/B5/B7/B8/B25/B28/B66 LTE-TDD:B40
	-J* LTE-FDD:B1/B3/B8/B18/B19/B26 LTE-TDD:B41	
Package	LCC 146pin+LGA 64pin	LCC 146pin+LGA 128pin
Dimension(mm)	40.5x40.5x2.85	40.5x40.5x2.85
4G	LTE Cat.4	LTE Cat.4
Supply Voltage	3.5V~4.35V, typ.3.8V	3.5V~4.35V, typ.3.8V
Working Temperature	-30°C~+75°C	-30°C~+75°C
Storage Temperature	-40°C~+85°C	-40°C~+85°C
Data Transmission		
LTE Speed(Mbps)	Max 150(DL)/50(UL)	Max 150(DL)/50(UL)
DC-HSPA+Speed(Mbps)	Max 42(DL)/Max 11(UL)	Max 42(DL)/Max 11(UL)
WCDMA Speed(Kbps)	Max 384(DL)/Max 384(UL)	Max 384(DL)/Max 384(UL)
TD-SCDMA Speed(Mbps)	Max 4.2(DL)/Max 2.2(UL)	Max 4.2(DL)/Max 2.2(UL)
EDGE Speed(Kbps)	Max 236.8(DL)/Max 236.8(UL)	Max 236.8(DL)/Max 236.8(UL)
GPRS Speed(Kbps)	Max 86.5(DL)/Max 86.5(UL)	Max 86.5(DL)/Max 86.5(UL)
SMS	•	•
CSD	•	•
Special Function		
Firmware Upgrade	Upgrade through USB interface	Upgrade through USB interface
VoLTE	•	•
WLAN	2.4G&5G,802.11 a/b/g/n/ac	2.4G&5G,802.11 a*/b/g/n/ac*
BT	BT5.0	BT5.1
FM	•	•
GNSS	GPS/Beidou/Glonass	GPS/Beidou/Glonass
Interface		
Display	4-lane MIPI DSI HD+(720*1680) @60fps	4-lane MIPI_DSI FHD+(1080*2160) @60fps
Camera	2*MIPI CSI(4/4 or 4/2/1) 2*ISP(13+13MP or 25MP) at 30fps ZSL	Host Camera: 2-lane MIPI_CSI; Assist Camera: 1-lane MIPI_CSI; Maximum Speed 2.1Gbps/Lane; Can support up to 8M pixel photography
Video	Encode: 4K@30fps or 1080P@60fps H.264 MP4/WMV9/VC1/DivX/VP8/VP9 Decode: 4K@30fps or 1080P@60fps H.264/H.265/MP4/VP8 Concurrency: 1080P@60fps decode + 1080P@60fps encode	Encode: 4K@30fps or 1080P@60fps H.264 MP4/WMV9/VC1/DivX/VP8/VP9 Decode: 4K@30fps or 1080P@60fps H.264/H.265/MP4/VP8 Concurrency: 1080P@60fps decode + 1080P@60fps encode
Audio	Mp3; AAC+, eAAC; AMR-NB, -WB, G.711, WMA 9/10 Pro	Simulated audio: speaker, earpiece, headphones, 3 sets of microphones support 1 set of noise cancelling microphones
Hardware Interface	USB 2.0/3.1*1, Support OTG	USB*1, Support OTG
	UART*3	UART*3
	I2C*5	I2C*5
	SPI*1	SPI*1
	ADC*1	ADC*2
	USIM*2	USIM*2
Antenna	SDIO*1	SDIO*1
	GPIO*40	GPIO*24
	Main antenna , Diversity antenna , GNSS Antenna , Wi-Fi/BT Antenna	Main antenna , Diversity antenna , GNSS Antenna , Wi-Fi/BT Antenna
Certifications		
Certifications	CCC/CE/FCC/IC/Rohs/Anatel*/PTCRB*/AT&T*/Verizon*	CCC*
Recommended Applications		
Application Fields	Smart POS, Security Monitoring, Automotive Device, VR/AR, Information Collection equipment, Smart Robots, Smart Home, Intelligent Hardware, Industrial Smart Handhelds, Smart PAD, UAV, VR Camera, Full-view Camera, Multi-touch Device, Walkie-talkie, Smart Wearables, Vending Machines, Logistics Cabinet etc.	

MeiG Smart 4G SoC Module Series

Product	SLM755L		SLM500Q	
Product Picture				
OS	Android		Android	
CPU	Quad-core		Quad-core	
Memory	8+1/16+2(GB)		8+1/16+2/32+3(GB)	
Band(MHz)	-C	LTE-FDD:B1/B3/B5/B8 LTE-TDD:B38/B39/B40/B41 TDS:B34/B39	WCDMA:B1/B5/B8 EVDO&CDMA:BC0 GSM:850/900/1800	-C LTE-FDD:B1/B3/B5/B8 LTE-TDD:B34/B38/B39/B40/B41 TD-SCDMA:B34/B39 EVDO/CDMA:BC0 GSM:900/1800 WCDMA:B1/B8
	-E	LTE-FDD:B1/B3/B5/B7/B8/B20 LTE-TDD:B38/B40/B41	WCDMA:B1/B5/B8 GSM:850/900/1800/1900	-E LTE-FDD:B1/B3/B5/B7/B8/B20/B28A LTE-TDD:B38/B40/B41 GSM:850/900/1800 TD-SCDMA:B34/B39 WCDMA:B1/B5/B8
	-A			-A LTE-FDD:B2/B4/B5/B7/B12/B13/B14/B25/B26/B66 LTE-FDD:B40 WCDMA:B2/B4/B5/B8 GSM:850/1900
	-J			-J LTE-FDD:B1/B3/B8/B18/B19/B26 LTE-TDD:B41 WCDMA:B1/B6/B8/B19
	-AU			-AU LTE-FDD:B1/B3/B5/B7/B8/B28 LTE-TDD:B40 WCDMA:B1/B5/B8 GSM:850/900/1800
	-LA			-LA LTE-FDD:B2/B4/B5/B7/B8/B25/B28/B66 LTE-TDD:B40 WCDMA:B2/B5/B8 GSM:850/900/1900
Package	LCC 146pin+LGA 64pin		LCC 146pin+LGA 128pin	
Dimension(mm)	40.5x40.5x2.85		40.5x40.5x2.85	
4G	LTE Cat.4		LTE Cat.4	
Supply Voltage	3.5V~4.35V, typ.3.8V		3.5V~4.35V, typ.3.8V	
Working Temperature	-30°C~+75°C		-30°C~+75°C	
Storage Temperature	-40°C~+85°C		-40°C~+85°C	
Data Transmission				
LTE Speed(Mbps)	Max 150(DL)/50(UL)		Max 150(DL)/50(UL)	
DC-HSPA+Speed(Mbps)	Max 42(DL)/Max 11(UL)		Max 42(DL)/Max 11(UL)	
WCDMA Speed(Kbps)	Max 384(DL)/Max 384(UL)		Max 384(DL)/Max 384(UL)	
TD-SCDMA Speed(Mbps)	Max 4.2(DL)/Max 2.2(UL)		Max 4.2(DL)/Max 2.2(UL)	
EDGE Speed(Kbps)	Max 236.8(DL)/Max 236.8(UL)		Max 236.8(DL)/Max 236.8(UL)	
GPRS Speed(Kbps)	Max 86.5(DL)/Max 86.5(UL)		Max 86.5(DL)/Max 86.5(UL)	
SMS	•		•	
CSD	•		•	
Special Function				
Firmwart Upgrade	Upgrade through USB interface		Upgrade through USB interface	
VoLTE	•		•	
WLAN	2.4G&5G*Wi-Fi, 802.11a*/b/g/n		2.4G&5G, 802.11 a/b/g/n/ac	
BT	BT4.1		BT4.2	
FM	•		—	
GNSS	GPS/Beidou/Glonass		GPS/Beidou/Glonass/Galileo	
Interface				
Display	4 lanes MIPI DSI,HD(720P):1280*720@60fps		1*MIPI DSI;1440*720@60Hz	
Camera	MIPI_CSI,support two cameras 2-lane MIPI_CSI for rear camera,up to 8MP 1-lane MIPI_CSI for front camera,up to 2MP		MIPI_CSI,support two cameras 4-lane MIPI_CSI for rear camera,up to 13MP 2-lane MIPI_CSI for front camera,up to 5MP	
Video	Encode: 4K@30fps or 1080P@60fps H.264 MP4/WMV9/VC1/DivX/VP8/VP9 Decode: 4K@30fps or 1080P@60fps H.264/H.265/MP4/VP8 Concurrency: 1080P@60fps decode + 1080P@60fps encode		Encode: 4K@30fps or 1080P@60fps H.264 MP4/WMV9/VC1/DivX/VP8/VP9 Decode: 4K@30fps or 1080P@60fps H.264/H.265/MP4/VP8 Concurrency: 1080P@60fps decode + 1080P@60fps encode	
Audio	MP3,AAC,AAC+,eAAC,AMR-NB,-WB,G.711,WMA 9/10 Pro		Mp3;AAC+,eAAC;AMR-NB,-WB,G.711,WMA 9/10 Pro	
Hardware Interface	USB *1, Support OTG		USB *1, Support OTG	
	UART*2		UART*3	
	I2C *4		I2C*5	
	SPI *1		SPI*5	
	ADC *2		ADC*2	
	GPIO *24		GPIO*24	
	SIM卡 *2		SIM卡 *2	
	SDIO *1		SDIO *1	
Antenna	Main antenna , Diversity antenna , GNSS Antenna , Wi-Fi/BT Antenna		Main antenna , Diversity antenna , GNSS Antenna , Wi-Fi/BT Antenna	
Certifications				
Certifications	CCC/CE/ROHS/FCC*/CTA*/PTCRB*		CCC/CE/FCC/IC/ROHS/JATE&Telec/MIC/Docomo/PTCRB/GCF/AT&T/RCM/Verizon/Anatel	
Recommended Applications				
Application Fields	Smart POS, Security Monitoring, Automotive Device, VR/AR, Information Collection equipment, Smart Robots, Smart Home, Intelligent Hardware, Industrial Smart Handhelds, Smart PAD, UAV, VR Camera, Full-view Camera, Multi-touch Device, Walkie-talkie, Smart Wearables, Vending Machines, Logistics Cabinet etc.			

MeiG Smart 4G SoC Module Series

Product	SLM500L		SLM500S	
Product Picture				
OS	Android		Android	
CPU	Octa-core		Quad-core	
Memory	16+2/32+3/64+4(GB)		8+1/16+2/32+3(GB)	
Band(MHz)	-C	LTE-FDD:B1/B3/B5/B8 LTE-TDD:B34/B38/B39/B40/B41 WCDMA:B1/B8 EVDO/CDMA:BC0 TD-SCDMA:B34/B39 GSM:900/1800	-C	LTE-FDD:B1/B3/B5/B8 LTE-TDD:B34/B38/B39/B40/B41 WCDMA:B1/B8 GSM:900/1800
	-E	LTE-FDD:B1/B3/B5/B7/B8/B28A LTE-TDD:B38/B40/B41 WCDMA:B1/B5/B8 GSM:850/900/1800/1900	-E	LTE-FDD:B1/B3/B5/B7/B8/B20 LTE-TDD:B38/B40/B41 WCDMA:B1/B5/B8 GSM:850/900/1800/1900
	-A	LTE-FDD:B2/B4/B5/B7/B12/B13/B17/B25/B26/B66 WCDMA:B2/B4/B5/B8 GSM:850/1900	-A	LTE-FDD:B2/B4/B5/B7/B8/B28 LTE-TDD:B34/B38/B39/B40/B41 WCDMA:B2/B4/B5/B8 GSM:850/900/1800/1900
	-J	LTE-FDD:B1/B3/B8/B18/B19/B26 LTE-TDD:B41 WCDMA:B1/B6/B8/B19	-AU/LA	LTE-FDD:B2/B4/B5/B7/B8/B28 LTE-TDD:B34/B38/B39/B40/B41 WCDMA:B2/B4/B5/B8 GSM:850/900/1800/1900
Package	LCC 146pin+LGA 128pin		LCC 146pin+LGA 128pin	
Dimension(mm)	40.5x40.5x2.85		40.5x40.5x2.85	
4G	LTE Cat.4		LTE Cat.4	
Supply Voltage	3.5V~4.35V, typ.3.8V		3.5V~4.35V, typ.3.8V	
Working Temperature	-30°C~+75°C		-30°C~+75°C	
Storage Temperature	-40°C~+85°C		-40°C~+85°C	
Data Transmission				
LTE Speed(Mbps)	Max 150(DL)/50(UL)		Max 150(DL)/50(UL)	
DC-HSPA+Speed(Mbps)	Max 42(DL)/Max 11(UL)		Max 42(DL)/Max 11(UL)	
WCDMA Speed(Kbps)	Max 384(DL)/Max 384(UL)		Max 384(DL)/Max 384(UL)	
TD-SCDMA Speed(Mbps)	Max 4.2(DL)/Max 2.2(UL)		Max 4.2(DL)/Max 2.2(UL)	
EDGE Speed(Kbps)	Max 236.8(DL)/Max 236.8(UL)		Max 236.8(DL)/Max 236.8(UL)	
GPRS Speed(Kbps)	Max 86.5(DL)/Max 86.5(UL)		Max 86.5(DL)/Max 86.5(UL)	
SMS	●		●	
CSD	●		●	
Special Function				
Firmwart Upgrade	Upgrade through USB interface		Upgrade through USB interface	
VoLTE	●		●	
WLAN	2.4G&5G,802.11 a/b/g/n/ac*		2.4G,802.11 b/g/n	
BT	BT4.2		BT4.2	
FM	—		—	
GNSS	GPS/Beidou/Glonass/Galileo		GPS/Beidou/Glonass	
Interface				
Display	1*MIPI DSI;1920*1200@60Hz		1*4 lanes MIPI DSI ,HD(720P):1440*720@60fps	
Camera	MIPI_CSI,support two cameras 4-lane MIPI_CSI for rear camera,up to 21MP(24MP) 4-lane MIPI_CSI for front camera,up to 13MP		MIPI_CSI,support two cameras 4-lane MIPI_CSI for rear camera,up to 13MP 2-lane MIPI_CSI for front camera,up to 5MP	
Video	Encode: 4K@30fps 1080P@60fps H.264/H.265 MP4/WMV9/VC1/DivX/VP8/VP9 Decode: 4K@30fps 1080P@60fps H.264/H.265 MP4/VP8 Concurrency: 1080P@60fps decode + 1080P@30fps encode		Encode: 1080P@30fps HEVC/H.264/MP4/DivX/VP8 WVGA 30fps H.263 Decode: 720P@30fps H.264/MP4/DivX/VP8 WVGA 30fps H.263 Concurrency: 1080P@30fps decode + 1080P@30fps encode	
Audio	MP3,aacPlus,eAAC;ARM-NB,AMR-WB,G.711,Windows Media Audio(WMA)9/10 Pro USB *1, Support OTG		Mp3;AAC+,eAAC;AMR-NB,-WB,G.711,WMA 9/10 Pro USB *1, Support OTG	
Hardware Interface	UART*3		UART*2	
	I2C*5		I2C*3	
	SPI*5		SPI*2	
	ADC *2		ADC*1	
	GPIO*24		GPIO*21	
	SIM Card*2		SIM Card*3	
	SDIO*1+FF43:I44		SDIO *1	
Antenna	Main antenna , Diversity antenna , GNSS Antenna , Wi-Fi/BT Antenna		Main antenna , Diversity antenna , GNSS Antenna , Wi-Fi/BT Antenna	
Certifications				
Certifications	CCC/CE*/FCC*/CTA*/PTCRB*/AT&T*		CCC/CE/ROHS/RCM/FCC*/Anatel*	
Recommended Applications				
Application Fields	Smart POS, Security Monitoring, Automotive Device, VR/AR, Information Collection equipment, Smart Robots, Smart Home, Intelligent Hardware, Industrial Smart Handhelds, Smart PAD, UAV, VR Camera, Full-view Camera, Multi-touch Device, Walkie-talkie, Smart Wearables, Vending Machines, Logistics Cabinet etc.			

MeiG Automotive Telematics Module Series



Product	MA800
Product Picture	
Package	LGA 299pin
Dimension(mm)	37.5x33.0x3.0
Band(MHz)	-C -E -A -SA LTE-FDD: B1/B3/B5/B8 LTE-TDD: B38/B39/B40/B41 WCDMA: B1/B8 TD-SCDMA: B34/B39 CDMA&EVDO: BC0 GSM: 900/1800 LTE-FDD: B1/B3/B5/B7/B8/B20 LTE-TDD: B40 WCDMA: B1/B5/B8 GSM: 900/1800 LTE-FDD: B2/B4/B5/B12/B13/B17/B25/B26 LTE-TDD: B41 WCDMA: B2/B4/B5 CDMA&EVDO: BC0/BC1 GSM: 850/1900 LTE-FDD: B2/B4/B5/B7/B8/B28 LTE-TDD: B40 WCDMA: B2/B5/B8 GSM: 850/900/1800/1900

Product	MA922/MA925
Product Picture	
Package	LGA 524pin
Dimension(mm)	54.5x53.0x3.45
Band(MHz)	-CN -EU -NA 5G FDD: N1/N3/N8/N28A 5G TDD: N41/N78/N79 (N79 option) (N78 Support PC2) LTE-FDD: B1/B3/B5/B7/B8 LTE-TDD: B34/B38/B39/B40/B41 UMTS: B1/B8 GSM: 900/1800 C-V2X: B47 5G FDD: N1/N3/N8/N20/N28A/N71 5G TDD: N38/N40/N41/N78 (N78 Support PC2) LTE-FDD: B1/B3/B5/B7/B8/B20/B28A/B28B/B32R/B71 LTE-TDD: B38/B40/B41/B42 UMTS: B1/B3/B5/B8 GSM: 900/1800 C-V2X: B47 5G FDD: N2/N5/N12/N25/N66/N71 5G TDD: N78(N78 Support PC2) LTE-FDD: B2/B4/B5/B7/B12/B13/B14/B17/B25/B26/B29R/B30R/B66/B71 LTE-TDD: B38/B41 UMTS: B2/B4/B5 C-V2X: B47

MeiG Automotive Cockpit Module Series



Product	MA951	SRM965	SRM935U
Product Picture			
Package	BGM970	SIP	LGA
Dimension(mm)	50.0*52.0*4.51	62.0*62.0*3.6	50.0*50.0*3.6
Band(MHz)	—	5G-NR: N1/N3/N28/N41/N77/N78/N79 (NSA/SA)(N1,N28不支持NSA) LTE-FDD: B1/B3/B5/B8/B28 LTE-TDD: B34/B38/B39/B40/B41(196MHz) WCDMA: B1/B8 GSM: B3/B8	5G-NR: N1/N3/N28/N41/N77/N78/N79(NSA/SA)(N1,N28不支持NSA) LTE-FDD: B1/B3/B5/B8/B28 LTE-TDD: B34/B38/B39/B40/B41(196MHz) WCDMA: B1/B8 GSM: B3/B8
Weight	<23g	<22g	<18g
CPU	Kryo485, Prime@2.4G + 3xGold@2.0G + 4xSilver@1.8G 105K DMIPS	1 x X3 @3.2 GHz; 2 x A715 @2.8GHz 2 x A710 @2.8 GHz ; 3 x A510 @2.0GHz 200K DIMIPS	1xA78@2.7GHz + 3xA78@2.3GHz + 4xA55@2.1GHz 93 KDMIPS
GPU	Adreno640@700M 1100 GFLOPS	Adreno™ 740 @ 680MHz 2,15 TFLOPs	Mali-G57 486 GFLOPS
AI	NPU130, with ECC for ASIL-B 8TOPS	48 TOPS	IMG AX3596 8Tops
Working Temperature	-40°C~+85°C	Normal operating temperature: -30°C ~ +75°C Extended operating temperature: -40°C~+85°C	Normal operating temperature: -30°C ~ +75°C Extended operating temperature: -40°C~+85°C
Data Transmission			
Speed(bps)	—	3GPP Rel.16 5G NR sub-6 GHz 5G NR 256 QAM uplink/downlink in sub-6 GHz Rel.15 LTE multi-mode modem	3GPP Rel.15 5G NR sub-6 GHz 5G NR 256 QAM uplink/downlink in Sub-6 GHz Rel.15 LTE multi-mode modem
Interface			
Video Decode	4K120, H.265/H.264/VP9/VP8/MPEG-2	4K240/8K60- H.264/H.265/VP9	4K@30 H.264/H.265/VP9
Video Encode	4K60, H.265/H.264/VP8	4K120/8K30- H.264/H.265/VP9	4K@30 H.264/H.265
Audio	12ch LS/HS-42S/PCM/TDM	4xHVX, NPU: 1xHTA	6 I2S(PCM) for audio codec connection
Display Support	3x4K or 4x2880x1080 or 2x4K + 1x2880x1080	2*4-lane MIPI DSI • 3840 × 2160@120 Hz, 3360 × 1600 @144 Hz , 1*DP (2x 4K60 or 1x 8K30)	DSI*2+DP QHD+@60fps/FHD+@120fps
Camera	4x4Lane-CSI	8 x 4-lane MIPI CSI 3 x ISP 2 x Lite ISP	4x CSI 64M(4in1) + 20M(UW) + 13M(T) + 2M
SIM	—	2	2
UART	4	4	5
Debug UART	1	•	•
USB	2	1xUSB3.1; Support OTG Type C	1xUSB3.1 + 1xUSB 2.0; Support OTG Type C
I2S	3	4	4
I2C	6	4	8
SDIO	2	1	1
PCIE	2	1	1
PCM	1	—	•
RGMII	1	—	—
ADC	3	2	2
SPI	2	3	3
GPIO	175	•	•
Antenna	—	Primary Antenna*4, GNSS Antenna*1, Wi-Fi&BT Antenna*2	Primary Antenna*4, Wi-Fi&BT Antenna*2
Special Function			
GNSS	—	•	•
Firmware Update	•	USB & FOTA	USB & FOTA
OS			
OS	Android Auto/Linux/QXN	Android	Android Auto/Linux/QXN
Electrical Parameter			
Supply Voltage	3.13V~3.46V typ.3.3V	3.5V~4.35V typ.3.8V	3.5V~4.35V typ.3.8V
Dormancy Power Consumption	—	6mA	3mA
Shutdown Leakage Current	—	150uA	150uA
Certifications			
Certifications	ACE-Q104	CCC*/SRRC*/CTA*/AEC-Q104*	CCC/SRRC*/CTA*
Recommended Applications			
Application Fields	It can be widely used in the field of intelligent networked cars, in-vehicle BOX, V2X, RSU and so on.		

MeiG 4G LTE-A High-speed Module Series

Product	SLM828	SLM828G	SLM828M
Product Picture			
Package	Mini PCIe	LGA	M.2
Dimension(mm)	51.0*30.0*4.5mm	39.5x37.0x3.0	42.0x30.0x2.3
Band(MHz)	-EU LTE-FDD:B1/B3/B5/B7/B8/B20/B28/B32 LTE-TDD:B38/B40/B41 WCDMA:B1/B3/B5/B8 -NA LTE-FDD:B2/B4/B5/B7/B12/B13/B14/B17 B25/B26/B29/B30/B66/B71 WCDMA:B2/B4/B5	-EU LTE-FDD:B1/B3/B5/B7/B8/B20/B28/B32 LTE-TDD:B38/B40/B41 WCDMA:B1/B3/B5/B8 -NA LTE-FDD:B2/B4/B5/B7/B12/B13/B14/B17 B25/B26/B29/B30/B66/B71 WCDMA:B2/B4/B5	-EU LTE-FDD:B1/B3/B5/B7/B8/B20/B28/B32/B38 LTE-TDD:B39/B40/B41/B42/B43 WCDMA:B1/B3/B5/B8 -LA LTE-FDD:B2/B4/B5/B7/B8/B20/B28/B32/B66 LTE-TDD:B38/B39/B40/B41/B42/B43/B48 WCDMA:B2/B4/B5
Weight	<11g	<11g	<11g
Working Temperature	-30°C~+75°C	-30°C~+75°C	-30°C~+75°C
Data Transmission			
LTE Speed(Mbps)	LTE-FDD up to 600Mbps DL, 100 Mbps UL support Cat.6/9/12	LTE-FDD up to 600Mbps DL, 100 Mbps UL support Cat.6/9/12	LTE-FDD up to 600Mbps DL, 100 Mbps UL support Cat.6/9/12
DC-HSPA +Speed(Mbps)	—	—	—
WCDMA Speed(Kbps)	•	•	•
TD-SCDMA Speed(Mbps)	•	•	•
EVDO RevB Speed(Mbps)	•	•	•
EVDO RevASpeed(Mbps)	•	•	•
CDMA 1X Speed(Kbps)	•	•	•
EDGE Speed(Kbps)	•	•	•
GPRS Speed(Kbps)	Max 85.6kbps(DL)/85.6kbps(UL)	Max 85.6kbps(DL)/85.6kbps(UL)	Max 85.6kbps(DL)/85.6kbps(UL)
CSD	•	•	•
Interface			
SIM	1.8V/3V	1.8V/3V	1.8V/3V
UART	•	•	•
USB	•	•	•
I2C	•	•	•
Voice Simulation	•	•	•
PCM Voice	•	•	•
ADC	•	•	•
GPIO	•	•	•
Antenna	Main Antenna, diversity Antenna, GPS Antenna	Main Antenna, diversity Antenna, MIMO*2, GPS Antenna	Main Antenna, diversity Antenna, MIMO*2, GPS Antenna
Special Function			
DTMF	•	•	•
TTS	•	•	•
TCP/IP	•	•	•
FTP	•	•	•
HTTP	•	•	•
RIL Driver	•	•	•
NDIS	•	•	•
ECM	•	•	•
Gobinet	•	•	•
GNSS	GPS/GLONASS	GPS/GLONASS	GPS/GLONASS
Firmware Update	USB/*FOTA	USB/*FOTA	USB/*FOTA
Electrical Parameter			
Supply Voltage	3.3V~4.2V, Typ3.6V	3.3V~4.2V, Typ. 3.6V	3.3V~4.2V, Typ. 3.6V
Dormancy Power Consumption	<5mA	<5mA	<5mA
Shutdown Leakage Current	50μA	50μA	50μA
Certifications			
Certifications	*CE *FCC	*CE *FCC	*CE *FCC
Recommended Applications			
Application Fields	Mobile Broadband, Industrial Routing, Automotive and Transportation, Green Energy, Wireless Payment, Smart Metering, Personal Tracking, Car-mounted DVR, Smart Industry, Medical Surveillance, Charging Pile, Video Surveillance etc.		

MeiG 4G M2M Module Series

Product	SLM720	SLM750/SLM750 Mini PCIe
Product Picture		 
Package	M.2	LCC : 80pin+other 64pin(SLM750)/52pin(SLM750 Mini PCIe)
Dimension(mm)	42.0x30.0x2.3	32.0x29.0x2.8(SLM750)/51.0x30.0x4.8(SLM750 Mini PCIe)
Band(MHz)	-CN LTE-FDD:B1/B3/B5/B8 LTE-TDD:B34/B38/B39/B40/B41 WCDMA/HSPA+:B1/B5/B8 -JP LTE-FDD:B1/B3/B8/B18/B19/B26/B28 LTE-TDD:B41 WCDMA/HSPA+:B1/B8 -EU LTE-FDD: B1/B3/B5/B7/B8/B20/B28 WCDMA/HSPA+:B1/B5/B8	-C LTE-FDD:B1/B3/B5/B8/B28(Optional) LTE-TDD:B38/B39/B40/B41 TD-SCDMA:B34/B39 -E LTE-FDD:B1/B3/B5/B7/B8/B20 LTE-TDD:B40 -A LTE-FDD:B2/B4/B5/B12/B13/B17/B25/26 LTE-TDD:B41 CDMA&EVDO:BC0/BC1 -SA LTE-FDD:B2/B4/B5/B7/B8/B28 LTE-TDD:B40 -AU LTE-FDD:B1/B3/B5/B7/B8/B28 LTE-TDD:B40 CDMA&EVDO:BC0/BC1 -J LTE-FDD:B1/B3/B8/B18/B19/B26 LTE-TDD:B41 WCDMA:B1/B8 EVDO&CDMA:BC0 GSM:900/1800 WCDMA:B1/B5/B8 GSM:850/900/1800/1900 WCDMA:B2/B4/B5 GSM:850/1900 WCDMA:B2/B5/B8 GSM:850/900/1800/1900 WCDMA:B2/B4/B5 GSM:850/1900 WCDMA:B1/B6/B8/B19
Weight	<6g	<5g(SLM750)/<11.5g(SLM750 Mini PCIe)
Working Temperature	-30°C~+75°C	-40°C~+85°C
Data Transmission		
LTE Speed(Mbps)	LTE-FDD (Cat.4): Max 150Mbps(DL)/50Mbps(UL) LTE-TDD (Cat.4): Max 130Mbps(DL)/35Mbps(UL)	LTE-FDD:150(DL)/50(UL) LTE-TDD:130(DL)/35(UL)
DC-HSPA +Speed(Mbps)	—	42(DL)/5.76(UL)
WCDMA Speed(Kbps)	•	384(DL)/384(UL)
TD-SCDMA Speed(Mbps)	•	4.2(DL)/2.2(UL)
EVDO RevB Speed(Mbps)	•	14.7(DL)/5.4(UL)
EVDO RevASpeed(Mbps)	•	3.1(DL)/1.8(UL)
CDMA 1X Speed(Kbps)	•	153.6(DL)/153.6(UL)
EDGE Speed(Kbps)	•	236.8(DL)/236.8(UL)
GPRS Speed(Kbps)	Max 85.6kbps(DL)/85.6kbps(UL)	85.6(DL)/85.6(UL)
CSD	•	•
Interface		
SIM	1.8V/3V	1.8V/3V
UART	3xUART	•
USB	•	•
I2C	•	•
Voice Simulation	•	Optional
PCM Voice	•	•
ADC	•	•
GPIO	•	•
Antenna	Main Antenna, diversity Antenna, GPS Antenna	ANT_PRI/ANT_DIV(Optional)/GPS_ANT(Optional)
Special Function		
DTMF	•	•
TTS	•	•
TCP/IP	•	•
FTP	•	•
HTTP	•	•
RIL Driver	•	Android 4.2/4.4/5.0/5.1/6.0/7.1/8.0
NDIS	•	Windows XP/Vista/7/8/10
ECM	•	•
Gobinet	•	Linux 2.6 or later
GNSS	GPS(Optional)	Optional
Firmware Update	*FOTA	USB/*FOTA
Electrical Parameter		
Supply Voltage	3.3V~4.2V, Typ3.8V	3.3~4.2V, typ.3.8V
Dormancy Power Consumption	<5mA	<2mA
Shutdown Leakage Current	50μA	100μA
Certifications		
Certifications	CCC/SRRC/CTA/ROHS/CE/FCC/TELEC/JATE	AT&T/CCC/SRRC/CTA/CE/FCC/ROHS/KC/JATE/TELEC/ANATEL/NBTC/NOM/NCC/RCM/GCF/PTCRB/SoftBank/NTT Docomo/KDDI
Recommended Applications		
Application Fields	Mobile Broadband, Industrial Routing, Automotive and Transportation, Green Energy, Wireless Payment, Smart Metering, Personal Tracking, Car-mounted DVR, Smart Industry, Medical Surveillance, Charging Pile, Video Surveillance etc.	

MeiG 4G M2M Module Series

Product	SLM770A/SLM770A Mini PCIe		SLM770U/SLM770U Mini PCIe	
Product Picture				
Package	LCC +LGA 144pin(SLM770A)/52pin(SLM770A Mini PCIe)		LCC 80pin +LGA 64pin(SLM770U)/52pin(SLM770U Mini PCIe)	
Dimension(mm)	32.0×29.0×2.4mm(SLM770A)/51.0x30.0x5.2mm(SLM770A Mini PCIe)		32.0×29.0×2.4mm(SLM770U)/51.0x30.0x5.2mm(SLM770U Mini PCIe)	
Band(MHz)	-CA	LTE-FDD: B1/B3/B5/B8 LTE-TDD: B34/B38/B39/B40/B41 WCDMA: B1/B8 GSM: 900/1800	-CC	LTE-FDD: B1/B3/B5/B8 LTE-TDD: B34/B38/B39/B40/B41 WCDMA: B1/B8 GSM: 900/1800
	-CE*	LTE-FDD: B1/B3/B7/B8/B20/B28 LTE-TDD: B38/B40/B41 WCDMA: B1/B8 GSM: 900/1800	-CE	LTE-FDD: B1/B3/B7/B8/B20/B28 LTE-TDD: B38/B40/B41 WCDMA: B1/B5/B8 GSM: 900/1800
Weight	< 6g(SLM770A)/< 9g(SLM770A Mini PCIe)		< 6g(SLM770U)/< 9g(SLM770U Mini PCIe)	
Working Temperature	-40°C~+85°C		-40°C~+85°C	
Data Transmission				
LTE Speed(Mbps)	LTE-FDD up to 150Mbps DL, 50 Mbps UL Support Cat.4		LTE-FDD: 150Mbps DL, 50Mbps UL LTE-TDD: 130Mbps DL, 35Mbps UL	
DC-HSPA +Speed(Mbps)	42(DL)/5.76(UL)		42(DL)/5.76(UL)	
WCDMA Speed(Kbps)	384(DL)/384(UL)		384(DL)/384(UL)	
TD-SCDMA Speed(Mbps)	—		—	
EVDO RevB Speed(Mbps)	—		—	
EVDO RevASpeed(Mbps)	—		—	
CDMA 1X Speed(Kbps)	—		—	
EDGE Speed(Kbps)	236.8(DL)/236.8(UL)		236.8(DL)/236.8(UL)	
GPRS Speed(Kbps)	85.6(DL)/85.6(UL)		85.6(DL)/85.6(UL)	
CSD	•		•	
Interface				
SIM	1.8V/3V		1.8V/3V	
UART	2xUART		3xUART	
USB	•		•	
I2C	•		Optional	
Voice Simulation	•		•	
PCM Voice	•		•	
ADC	•		•	
GPIO	•		•	
Antenna	Main Antenna, diversity Antenna, GPS Antenna		Main Antenna, diversity Antenna, GPS Antenna	
Special Function				
DTMF	•		•	
TTS	•		•	
TCP/IP	•		•	
FTP	•		•	
HTTP	•		•	
RIL Driver	Android 4.2/4.4/5.0/5.1/6.0/7.1/8.0		Android 4.2/4.4/5.0/5.1/6.0/7.1/8.0	
NDIS	Windows XP/Vista/7/8/10		•	
ECM	•		•	
Gobinet	Linux 2.6 or later		Linux 2.6 or later	
GNSS	Optional		Optional	
Firmware Update	*FOTA		*FOTA	
Electrical Parameter				
Supply Voltage	3.3~4.2V, typ.3.8V		3.3~4.2V, typ.3.8V	
Dormancy Power Consumption	5mA		5mA	
Shutdown Leakage Current	20uA		20uA	
Certifications				
Certifications	CCC/SRRC/CTA/CE		CCC/SRRC/CTA/CE	
Recommended Applications				
Application Fields	Mobile Broadband, Industrial Routing, Automotive and Transportation, Green Energy, Wireless Payment, Smart Metering, Personal Tracking, Car-mounted DVR, Smart Industry, Medical Surveillance, Charging Pile, Video Surveillance etc.			

MeiG 4G LTE Cat.1 Module Series

Product	SLM320		SLM322		SLM326	
Product Picture						
Package	LCC 80pin+LGA 64pin		LCC 76pin+LGA 16pin		LGA 120pin	
Dimension(mm)	29.0x32.0x2.4		22.9x23.9x2.4		27.6x25.4x2.3	
Band(MHz)	-C	LTE-FDD:B1/B3/B5/B8 LTE-TDD:B38/B39/B40/B41 GSM:B3/B5/B8	-C	LTE-FDD:B1/B3/B5/B8 LTE-TDD:B34/38/B39/B40/B41	-C	LTE-FDD:B1/B3/B5/B8 LTE-TDD:B34/38/B39/B40/B41 GSM:B3/B8
	-E	LTE-FDD:B1/B3/B5/B7/B8/B20 LTE-TDD:B38/B40/B41 GSM:B2/B3/B5/B8			-E*	LTE-FDD:B1/B3/B5/B7/B8/B20 LTE-TDD:B38/B40/B41 GSM:B2/B3/B5/B8
	-LA*	LTE-FDD:B1/B2/B3/B4/B5/B7/B8/B20/B28 LTE-TDD:B40 GSM:B2/B3/B5/B8	-E*	LTE-FDD:B1/B3/B5/B7/B8/B20 LTE-TDD:B38/B40/B41	-LA	LTE-FDD:B1/B3/B5/B7/B8/B28 LTE-TDD:B40 GSM:B2/B3/B5/B8
Weight	<5g		<5g		<5g	
Working Temperature	-30°C~75°C		-30°C~75°C		-30°C~+75°C	
Data Transmission						
LTE Speed(Mbps)	LTE-FDD (Non-CA Cat.1):Max 10Mbps(DL)/5Mbps(UL) LTE-TDD (Non-CA Cat.1):Max 8Mbps(DL)/2Mbps(UL)		LTE-FDD (Non-CA Cat.1):Max 10Mbps(DL)/5Mbps(UL) LTE-TDD (Non-CA Cat.1):Max 8Mbps(DL)/2Mbps(UL)		LTE-FDD (Non-CA Cat.1):Max 10Mbps(DL)/5Mbps(UL) LTE-TDD (Non-CA Cat.1):Max 8Mbps(DL)/2Mbps(UL) GPRS:Max 85.6kbps(DL)/85.6kbps(UL)	
DC-HSPA +Speed(Mbps)	—		—		—	
WCDMA Speed(Kbps)	•		•		•	
TD-SCDMA Speed(Mbps)	•		•		•	
EVDO RevB Speed(Mbps)	•		•		•	
EVDO RevASpeed(Mbps)	•		•		•	
CDMA 1X Speed(Kbps)	•		•		•	
EDGE Speed(Kbps)	•		•		•	
GPRS Speed(Kbps)	Max 85.6kbps(DL)/85.6kbps(UL)		*		Max 85.6kbps(DL)/85.6kbps(UL)	
CSD	•		•		•	
Interface						
SIM	1.8V/3V		1.8V/3V		1.8V/3V	
UART	3xUART		3xUART		3xUART	
USB	•		•		•	
I2C	•		•		•	
Voice Simulation	Optional		Optional		Optional	
PCM Voice	•		•		•	
ADC	•		•		•	
GPIO	•		•		•	
Antenna	Main Antenna, BT/Wi-Fi Antenna, GPS Antenna (Optional)		Main Antenna, BT/Wi-Fi Antenna		Main Antenna, BT/Wi-Fi Antenna	
Special Function						
DTMF	—		—		—	
TTS	Optional		Optional		Optional	
TCP/IP	•		•		•	
FTP	•		•		•	
HTTP	•		•		•	
RIL Driver	•		•		•	
NDIS	—		—		—	
ECM	•		•		•	
Gobinet	•		•		•	
GNSS	Optional		No		—	
Firmware Update	Optional		Optional		Optional	
Electrical Parameter						
Supply Voltage	3.5V~4.2V, Typ3.8V		3.5V~4.2V, Typ3.8V		3.5V~4.2V, Typ3.8V	
Dormancy Power Consumption	2mA		2mA		2mA	
Shutdown Leakage Current	10uA		10uA		10uA	
Certifications						
Certifications	CCC/SRRC/CTA/RoHS/FCC/RCM/NCC/PTCRB/CE/KC		*CE/*CCC/*CTA/*SRRC		CCC/*CTA/*SRRC/*CE*	
Recommended Applications						
Application Fields	It can be widely used in mobile broadband, industrial routing, vehicle and transportation, wireless payment, green energy, smart meter, smart industry, medical monitoring, vehicle DVR, personal tracking, industrial tablet, charging pile, video surveillance and other fields.					

MeiG 4G LTE Cat.1 Module Series

Product	SLM336E	SLM336Q
Product Picture		
Package	LGA	LGA 126Pin
Dimension(mm)	19.9x23.6x2.4	19.9x23.6x2.4
Band(MHz)	-E LTE-FDD:B1/B3/B5/B7/B8/B20 LTE-TDD:B38/B40/B41 GSM:B2/B3/B5/B8	-E LTE-FDD:B1/B3/B5/B7/B8/B20/B28 -NA LTE-FDD:B2/B4/B5/B12/B13/B14/B66/B71*
Weight	<5g	<5g
Working Temperature	-30°C~+75°C	-30°C~+75°C
Data Transmission		
LTE Speed(Mbps)	LTE-FDD (Non-CA Cat.1):Max 10Mbps(DL)/5Mbps(UL) LTE-TDD (Non-CA Cat.1):Max 8Mbps(DL)/2Mbps(UL)	LTE-FDD (Non-CA Cat.1): Max 10Mbps(DL)/5Mbps(UL)
DC-HSPA +Speed(Mbps)	—	—
WCDMA Speed(Kbps)	•	•
TD-SCDMA Speed(Mbps)	•	•
EVDO RevB Speed(Mbps)	•	•
EVDO RevASpeed(Mbps)	•	•
CDMA 1X Speed(Kbps)	•	•
EDGE Speed(Kbps)	•	•
GPRS Speed(Kbps)	*	•
CSD	•	•
Interface		
SIM	1.8V/3V	1.8V/3V
UART	3xUART	3xUART
USB	•	1*USB
I2C	•	3*IIC
Voice Simulation	Optional	Optional
PCM Voice	•	•
ADC	•	•
GPIO	•	•
Antenna	Main Antenna, BT/Wi-Fi Antenna	Main Antenna/GPS Antenna (Optional)
Special Function		
DTMF	—	—
TTS	Optional	•
TCP/IP	•	•
FTP	•	•
HTTP	•	•
RIL Driver	•	•
NDIS	—	—
ECM	•	•
Gobinet	•	•
GNSS	No	GPS
Firmware Update	Optional	* FOTA
Electrical Parameter		
Supply Voltage	3.5V~4.2V, Typ3.8V	3.5V~4.2V, Typ3.8V
Dormancy Power Consumption	2mA	6uA
Shutdown Leakage Current	10uA	1nA
Certifications		
Certifications	*CCC/*SRRC/*CTA/*CE	FCC/*CE*
Recommended Applications		
Application Fields	It can be widely used in mobile broadband, industrial routing, vehicle and transportation, wireless payment, green energy, smart meter, smart industry, medical monitoring, vehicle DVR, personal tracking, industrial tablet, charging pile, video surveillance and other fields.	

MeiG NB-IoT/Cat M Module Series

Product	SLM156		SLM156H		SLM156N		SLM130-G	
Product Picture								
Package	LCC+LGA(80pin)		LCC+LGA(80pin)		LGA(102pin)		LCC(44pin)+LGA(14pin)	
Dimension(mm)	20.0x21.0x2.3		20.0x21.0x2.3		23.6x19.9x2.3		17.7x15.8x2.0	
4G	LTE Cat NB2		LTE Cat NB2		LTE Cat NB2		LTE Cat NB2	
Band(MHz)	NB-IoT	B1/B2/B3/B4/B5/B8/B12 B13/B18/B19/B20/B25 B26/B28/B66/B71/B85	NB-IoT	B1/B2/B3/B4/B5/B8/B12 B13/B18/B19/B20/B25 B26/B28/B66/B71/B85	NB-IoT	B1/B2/B3/B4/B5/B8/B12 B13/B18/B19/B20/B25 B26/B28/B66/B71/B85	LTE Cat NB: B3/B5/B8/B20/B28	
	Cat M	B1/B2/B3/B4/B5/B8/B12 B13/B14/B18/B19/B20 B25/B26/B27/B28/B66 B85		B1/B2/B3/B4/B5/B8/B12 B13/B14/B18/B19/B20 B25/B26/B27/B28/B66 B85				
	GPRS	850/900/1800/1900		B1/B2/B3/B4/B5/B8/B12 B13/B14/B18/B19/B20 B25/B26/B27/B28/B66 B85		850/900/1800/1900		
Weight	<3g		<3g		<3g		<2g	
Working Temperature	-30°C~+75°C		-30°C~+75°C		-30°C~+75°C		-30°C~+75°C	
Data Transmission								
LTE Cat NB1 Speed(Mbps)	Cat M1: DL:588Kbps UL:1119Kbps Cat Nb2: DL:127Kbps UL:158.5Kbps		Cat M1: DL:588Kbps UL:1119Kbps Cat Nb2: DL:127Kbps UL:158.5Kbps		Cat M1: DL:588Kbps UL:1119Kbps Cat Nb2: DL:127Kbps UL:158.5Kbps		Single Toll (subcarrier 15KHz/3.75KHz) DL 25.2Kbps UL 15.625Kbps Multi Toll (subcarrier 15KHz) DL 25.2Kbps / UL 54Kbps	
LTE Cat NB2 Speed(Mbps)	—		—		—		DL 126.8Kbps/UL 158.6Kbps	
SMS	●		●		●		●	
Network Protocol	TCP/UDP/SSL/MQTT/COAP		TCP/UDP/SSL/MQTT/COAP		TCP/UDP/SSL/MQTT/COAP		TCP/UDP/SSL/MQTT/COAP	
Interface								
(U)SIM	USIM(1.8V)		USIM(1.8V)		USIM(1.8V)		USIM(3.0V/1.8V)	
UART	1 x UART		1 x UART		1 x UART		UART	
I2C	I2C		I2C		I2C		●	
ADC	1 x ADC		1 x ADC		1 x ADC		ADC	
GPIO	GPIO x n		GPIO x n		GPIO x n		GPIO	
RESET	RESET		RESET		RESET		RESET	
SPI	—		—		—		SPI	
PSM-EINT	PSM_EINT		PSM_EINT		PSM_EINT		PSM_EINT	
Aerial	Main /GNSS		Main /GNSS		Main /GNSS		1 x antenna interface	
Other	PCM		PCM		PCM		1 RI interface 1 network status indication interface	
Specific Function								
Open	—		—		—		●	
DFOTA	—		—		—		★	
Firmware upgrade	●		●		●		●	
RAI	—		—		—		●	
Base Station Positioning	●		●		●		●	
eSIM	—		—		—		★	
Electrical Specification								
Supply Voltage	3.3V~4.2V		3.3V~4.2V		3.3V~4.2V		2.2V~4.2V	
Consumption flow	Average current consumption in PSM mode: 1mA		Average current consumption in PSM mode: 1mA		Average current consumption in PSM mode: 1mA		Average current consumption in PSM mode: 0.8uA	
Certifications								
Certifications	SRRC/CTA/RoHS/CE/FCC		SRRC/CTA/RoHS/JATE/TELEC/DOCOMO		SRRC/CTA/RoHS/CE/FCC		SRRC*/CTA*/RoHS*/CE*	
Recommended Applications								
Application Fields	It can be widely used in gas meter, water meter, electric meter, smoke sensor, bike-sharing, street lamp, intelligent parking, agriculture, door lock, tracking, pet management, POS machine, positioning, asset management and other fields.							

MeiG NB-IoT/GNSS Module Series

Product	SLM130E	SLM130-G	SLM130-NA-S
Product Picture			
Package	LCC + LGA	LCC + LGA	LCC + LGA
Dimension(mm)	15.8*17.7*2.0	15.8*17.7*2.0	15.8*17.7*2.0
4G	LTE Cat.NB2	LTE Cat.NB2	LTE Cat.NB2
Band(MHz)	LTE Cat.NB: B1/B3/B5/B8/B20/B28	LTE Cat.NB: B3/B5/B8/B20/B28	LTE Cat.NB: B2/B4/B12/B13/B66/B5/ B26/B71
Weight	<2g	<2g	<2g
Working Temperature	-30°C~+75°C	-30°C~+75°C	-30°C~+75°C
Data Transmission			
LTE Cat NB1 Speed(Mbps)	Single Toll (subcarrier 15KHz/3.75KHz) DL 25.2Kbps UL 15.625Kbps Multi Toll (subcarrier 15KHz) DL 25.2Kbps / UL 54Kbps	Single Toll (subcarrier 15KHz/3.75KHz) DL 25.2Kbps UL 15.625Kbps Multi Toll (subcarrier 15KHz) DL 25.2Kbps / UL 54Kbps	Single Toll (subcarrier 15KHz/3.75KHz) DL 25.2Kbps UL 15.625Kbps Multi Toll (subcarrier 15KHz) DL 25.2Kbps / UL 54Kbps
LTE Cat NB2 Speed(Mbps)	DL 126.8Kbps/UL 158.6Kbps	DL 126.8Kbps/UL 158.6Kbps	DL 126.8Kbps/UL 158.6Kbps
SMS	•	•	•
Network Protocol	TCP/UDP/MQTT(s)/COAP/LwM2M/SSL	TCP/UDP/MQTT(s)/COAP/LwM2M/SSL	TCP/UDP/MQTT(s)/COAP/LwM2M/SSL
Interface			
(U)SIM	USIM(3.0V/1.8V)	USIM(3.0V/1.8V)	USIM(3.0V/1.8V)
UART	UART	UART	UART
I2C	•	•	•
ADC	ADC	ADC	ADC
GPIO	GPIO	GPIO	GPIO
RESET	RESET	RESET	RESET
SPI	SPI	SPI	SPI
PSM-EINT	PSM_EINT	PSM_EINT	PSM_EINT
Aerial	1 x antenna interface	1 x antenna interface	1 x antenna interface
Other	1 RI interface 1 network status indication interface	1 RI interface 1 network status indication interface	1 RI interface 1 network status indication interface
Specific Function			
Open	•	•	•
DFOTA	•	—	—
Firmware upgrade	•	•	•
RAI	•	•	•
Base Station Positioning	•	•	GNSS
eSIM	•	•	•
Electrical Specification			
Supply Voltage	2.2V~4.5V	2.2V~4.5V	2.0V~4.5V
Consumption flow	Average current consumption in PSM mode: 1mA	Average current consumption in PSM mode: 0.8mA	Average current consumption in PSM mode: 1.75mA
Certifications			
Certifications	CE/SRRC/CTA/RoHS	CE/SRRC/CTA/RoHS	FCC/SRRC/CTA/RoHS
Recommended Applications			
Application Fields			

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Product	SGM308
Product Picture	
Package	LGA
GNSS	GPS/Glonass/ Galileo/Beidou
Dimension(mm)	10.1x9.7x2.4
Weight	0.2g
Norm Temp	-30°C~+75°C
Storage	-40°C~+85°C
Main Features	
L1 reception (number)	33 Tracking/99 Capture
L1 reception	•
A-GNSS	•
Sensitivity (automatic)	-148
Sensitivity	-160
Sensitivity	-167
TTFF (first positioning time) cold start	23.9s
TTFF (first positioning time) Warm start	<35S
TTFF (first positioning time) hot start	0.2s
Position accuracy	176.56m (95%) 54.07m (50%)
Speed accuracy	<0.1m/s
Maximum accuracy	<0.1m/s²
Low noise	•
Electrical parameters	
Supply	2.8V~4.3V
I/O voltage	2.7V~2.9V
Power (capture)	21mA (GPS) 29mA (GPS+Glonass)
Power (tracking)	8mA (GPS+Glonass)/ 15mA (GPS) 22mA (GPS+Glonass)
Power (RTC)	7uA
Interface	
UART	•
IIC (NM)	•
Recommended Applications	
Application Fields	And vehicle transportation, electronic dog, medical monitoring, agriculture and other fields.

• Support — No Support ★ In Development

MeiG Pi Developer Kit



MeiG Pi-QCS8550



MeiG Pi-QCS6490

MeiG Pi QCS8550

- 1 x X3 @3.2 GHz
- 4x A715/A710 @2.8 Ghz
- 3 x A510 @2.0 GHz
- AI: 48 Tops
- OS:Android 13/Linux 5.15
- Memory:16+256GB /24+512GB
- Wi-Fi 7 / BT 5.3

MeiG Pi QCS6490

- 1 x A78@2.7GHz
- 3 x A78@2.4GHz
- 4 x A55@1.9GHz
- AI: 12Tops
- OS:Android 14/Linux 6.16
- Memory:8+128GB /12+256GB
- Wi-Fi 6E/ BT 5.2

Functional interface

- 4 x USB-A3.0
- 1 x Type -C 3.0,Support DP
- 4 x MIPI CSI ,12M/48M
- 1 x HDMI-OUT, 1080P/30fps
- 1 x HDMI-IN, 4K/30fps
- 2 x CAN
- 1 x RS232
- 1 x RS485
- 2x RJ45:1000 Mbps/2.5Gbps
- 1 x MIPI DSI
- GPIOs:Support I2C, SPI, I2S

Replacement

- 1x 12V Power Adapter
- 1x Camera 12M
- 2 x Antenna
- 1 x Type-C Cable
- 1 x LCD 5 inch (1280*720)
- 1 x FAN



Qualcomm



High
computing power



LLM



Linux/Android
multi-system



Industrial interface



Multi
camera access



Multi
screen display



Multistream

MeiG Smart focuses on three aspects: AI applications, AI hardware, and AI deployment. Based on Qualcomm's IoT platform, it has developed the MeiG Pi series developer kits, including MeiG Pi-QCS8550 and MeiG Pi-QCS6490. These kits boast powerful AI capabilities with a maximum of 48 TOPS of AI computing power, supporting various AI algorithms. With a complete AI development toolchain, they enable rapid deployment of edge-side AI applications across multiple industries and scenarios, improving work efficiency, reducing costs, and helping enterprises quickly complete digital transformation in the AI era.

AI Development Toolchain

MEIG AI Development Tool

- Supports multiple high-performance platforms from MeiG Smart.
- Offers a variety of models and algorithms, covering different types of application scenarios.
- Open-source, including both the app and model capabilities, available for reference or direct use.
- Provides development documentation to help understand the app structure, code, and models.
- Offers video tutorials on algorithm conversion and integration.

ML Runtime Frameworks and Application	TensorFlow	TensorFlow Lite	PyTorch	msmt/Cognitive Toolkit/Toolbox/Tool
	.pb	.tflite	.pt/.onnx	.onnx
	Other ML Frameworks and Applications			
	Qualcomm® Neural Processing SDK	PyTorch Mobile	TP-Lite	ONNX RT
	Qualcomm® AI Engine Direct API	Qualcomm® AI Engine Direct API	Qualcomm® AI Engine Direct API	Qualcomm® AI Engine Direct API
Qualcomm® AI Engine Direct Backend Libraries	QNN	KernelS	HTP Core	HexNNv2
	NEON	OpenCL	NEON/NN	NN/HTA
Hardware IP Core	CPU	GPU	HTP	cDSP

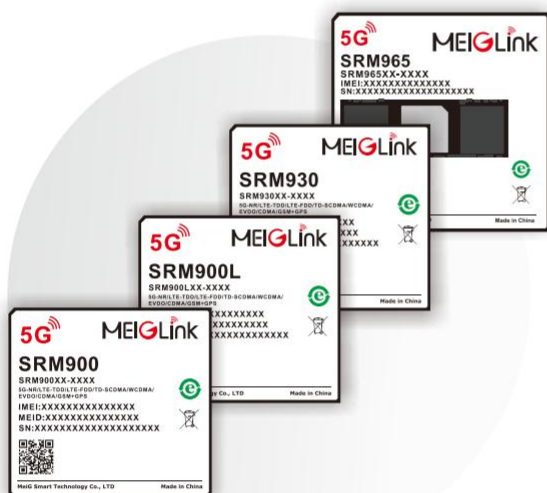
High Computing Power AI Hardware Matrix

- AI computing power ranges from 12 TOPS to 80 TOPS.
- Various packaging options and functional interfaces.
- Validated with dozens of models across machine vision, speech/audio, natural language, and multimodal applications.
- Extensive experience in large-scale mass production.
- A comprehensive "model optimization - algorithm deployment - scenario implementation" ecosystem built in collaboration with ecosystem partners



MeiG Smart, in collaboration with its ecosystem partners, provides comprehensive technical support throughout the entire process—from model conversion, optimization, and quantization to model inference and deployment. This helps solve the "last mile" challenge of edge-side AI deployment. The company has successfully verified the operation of numerous models, including DeepSeek, Qwen, LLaMA-2, RedPajama, Yolov8, Inswapper, Hand Landmark, and many others across machine vision, speech/audio, natural language, and multimodal domains, with deployment support for dozens of large models.

5G Intelligent Cockpit Solution



System Platform

- Chip: Qualcomm 5G QCM8538 1 x X3 @3.2 GHz ; 2 x A715 @2.8GHz
2 x A710 @2.8 GHz ; 3 x A510 @2.0GHz 200K DIMPS
Qualcomm 5G QCM6490 1*GoldP@2.7GHz + 3*Gold@2.4GHz
+ 4*Silver@1.9GHz
- Memory: 4GB + 64GB/6GB + 128GB/8G + 128GB LPDDR4X uMCP
- Size: 47.0*48.0*3.0mm
- Package: LGA

Product Characteristics

- Android
- 5G network connection
- AI
- Multi-screen display
- Multi-camera access
- H.264/H.265 Hardware codec

Network Parameter

- Data Traffic: 5G/4G/3G/2G frequency band, support 5G Sub-6G
- Wireless connection: support Wi-Fi 2.4G/5G, ax-Ready
- Bluetooth: BT5.0, support BLE
- Global navigation satellite system: GPS/Beidou/Glonass/Galileo, support L1+L5



5G
network connection



Qualcomm chip



AI Smart



Android



Quick boot



Multi-camera
access



Multi-screen
display



Multi-stream

MeiG is the first to launch 5G smart module, which supports Android system and has 15Tops AI computing power. It provides mature SDK development packages. The module has been fully tested and meets the requirements of the ICV application scenario.

5G Industrial PDA Solution



System Platform

- Chip: Qualcomm 5G QCM6490 1*2.7GHz + 3*2.4GHz + 4*1.9GHz
Qualcomm 5G SM4350 PRO 2*A76 2.2Ghz + 6*A55 1.9Ghz
Qualcomm 4G QCM4290 4*A73 2.0Ghz + 4*A53 1.8Ghz
- Memory: Up to 256GB UFS +8GB DDR5
- Whole machine Size: 162.0*76.0*19.0mm
- Screen Size: 5.5'-6.0'HD/FHD

Network Parameter

- Data Traffic: 5G/4G/3G/2G frequency band, support 5G Sub-6G & mmW
- Wireless connection: support Wi-Fi 2.4G/5G and Wi-Fi 6/6E
- Bluetooth: BT5.2, support BLE
- Global navigation satellite system: GPS/Beidou/Glonass/Galileo, support L1+L5



Qualcomm chip



IP67



FHD



13M PDAF



Android



Scan code



AT&T Certifications



GMS



NFC



5000mAh

MeiG adopted the Qualcomm platform to provide customized ODM solutions and services for customers. The product supports various wireless communication functions such as 4G/5G global frequency band, BT, GPS, Wi-Fi and NFC, also supports professional scanning engine like Zebra&Honeywell, it meets IP67 and 1.5m drop reliability requirements, and is widely used in logistics, express delivery, warehouse management, retail, hospitals and various information collection industries.

5G Industrial Panel Solution



Parameter Configuration

- Chip: Qualcomm 5G QCM6490 1*2.7GHz + 3*2.4GHz + 4*1.9GHz
- Operating system: Android
- Camera: 64M Back Camera, 8M Front Camera, front 8M FF
- Memory: 128GB UFS +8GB DDR5
- Battery capacity: 8000mA
- Screen size: 10.1" FHD (1920x1080)
- Radio frequency band configuration:
 - American radio frequency configuration:
 - 5G-NR: N2/N5/N12/N25/N30/N38/N41/N48/N66/N71/N77/N78
 - LTE-FDD: B2/B4/B5/B7/B12/B13/B14/B17/B25/B29/B30/B46/B66/B71
 - LTE-TDD: B38/B41/B42/B43/B48
 - WCDMA: B2/B4/B5
 - GSM: B2/B3/B5/B8
 - Eurasian RF configuration:
 - 5G-NR: N1/N3/N7/N8/N28/N38//N41/N77/N78/N79
 - LTE-FDD: B1/B2/B3/B5/B7/B8/B20/B26/B28
 - LTE-TDD: B38/39/B40/B41
 - TD-SCDMA: B34/39
 - WCDMA: B1/B3/B5/B8
 - GSM: B2/B3/B5/B8
- Support RoHS/CCC/FCC/CE/GCF/PTCRB compulsory certification, and AT&T/Verison Operator certification
- Global navigation and positioning system GPS/GLONASS/NavIC/BeiDou/Galileo/QZSS and SBAS
- Wireless connection: support Wi-Fi 2.4G/5G/6E 2x2 MU-MIMO, BT5.2, support DBS



5G



Qualcomm chip



FHD



13M PDAF



Android



Wi-Fi 6E



AT&T
authentication



BT5.2



IP67



8000mAh

MeiG Smart's 5G industrial panel solution is the industry's first design and development based on Qualcomm's QCM6490 5G platform. The solution meets MIL-MT810G standard and IP67 waterproof rating while complying with regulatory and certification standards from PTCRB/GCF as well as major carriers such as AT&T/Verizon. It supports global Sub-6G frequency bands and Wi-Fi 6E wireless standard to satisfy the needs of various high-speed application scenarios. The solution is widely used in logistics, warehousing, inventory management and other information/data collection industries.

5G FWA Solution

5G



5G CPE SRT858M

- 5G NR Sub-6GHz
- Qualcomm X72+QFW7124
- Support Global Mainstream Frequencies
- Support Wi-Fi 7 802.11 a/b/g/n/ac/be 2*2 MIMO, BE6400
- Support 2*1GE(2.5GEis Optional) +1*RJ11
- Support external antenna port
- Size: 180.0*100.0*100.0mm



5G CPE SRT858L

- 5G NR Sub-6GHz
- Qualcomm X62+WCN6856
- Support Global Mainstream Frequencies
- Support Wi-Fi 6 802.11 a/b/g/n/ac/ax 2*2 MIMO, 3.6Gbps
- Support 2*1GE(2.5GEis Optional) +1*RJ11
- Support external antenna port
- Size: 217.5*112.0*112.0mm



5G CPE SRT838I Pro

- 5G NR Sub-6GHz
- Qualcomm X62+WCN6856
- Support Global Mainstream Frequencies
- Support Wi-Fi 6 802.11 a/b/g/n/ac/ax 2*2MIMO AX1800
- Support 1*GE
- Speed 2.4Gbps
- Size: 160.0*72.0*53.0mm



5G CPE SRT838C

- 5G NR Sub-6GHz
- UNISOC V510+QCA2064
- Support Global Mainstream Frequencies
- Support Wi-Fi 6 802.11 a/b/g/n/ac/ax 2*2MIMO AX1800
- Support 1*GE
- Speed 2.4Gbps
- Size: 160.0*72.0*53.0mm



5G CPE SRT835

- 5G NR Sub-6GHz
- Qualcomm X35+WCN6856
- Support Global Mainstream Frequency Band, SA only
- Support Wi-Fi 6 802.11 a/b/g/n/ac/ax
- 2*2MIMO AX1800
- Support 4*1GE+1RJ11
- Size: 295.0*168.0*52.0mm



5G mmWave Outdoor Unit

- Qualcomm X55/X62/X65
- 5G NR Sub-6GHz & mmWave
- QTM527
- IP65
- POE
- 2.5/5 Gigabit LAN
- Size: 186.0*111.0*35.0mm



5G Sub-6GHz Outdoor Unit

- Qualcomm X55/X62/X65
- Up to 2.1Gbps rate
- IP65
- POE
- 1/2.5 Gigabit LAN
- Size: 186.0*111.0*35.0mm



5G BOX SRT830

- Qualcomm X55
- 5G NR Sub-6GHz
- Support Wi-Fi 6
- 802.11 a/b/g/ac/ax
- 1 Gigabit LAN
- DC 12V/1.5A
- Size: 125.0*78.0*27.0mm



5G BOX SRT831

- Qualcomm X55
- 5G NR Sub-6GHz & mmWave
- QTM525
- RS232/485
- 5 Gigabit LAN
- DC 12V/24A
- Size: 126.0*71.0*27.0mm

5G FWA Solution

5G



5G MiFi SRT873

- 5G NR Sub-6GHz
- Qualcomm X55+QCA6391
- Support Global Mainstream Frequencies
- Support Wi-Fi 6 2*2 MIMO
- Speed 4.1Gbps
- Lithium Battery 5000mAh, long standby
- 2.4 inch touch screen
- Size: 130.0*70.0*19.5mm



5G MiFi SRT873S

- 5G NR Sub-6GHz
- Qualcomm X55+QCA6391
- Support Global Mainstream Frequencies
- Speed 4.1Gbps
- Lithium Battery 3600mAh, Super long standby
- Support Wi-Fi 6 2*2 MIMO
- Size: 130.0*70.0*19.5mm



5G MiFi SRT875

- 5G NR Sub-6GHz
- Qualcomm X62+WCN6856
- Support Global Mainstream Frequencies
- Support Wi-Fi 6 2*2 MIMO
- DBDC AX3000
- Speed 3.6Gbps
- Lithium Battery 5000mAh, Super long standby
- Band Steering
- Size: 133.5*71.0*17.0mm



5G MiFi SRT878

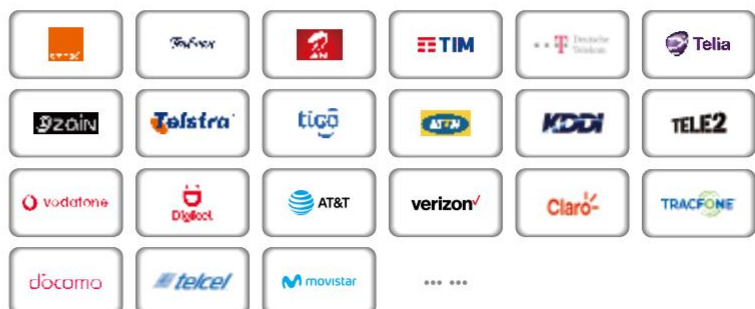
- 5G NR Sub-6GHz
- Qualcomm X72+WCN7851
- Support Global Mainstream Frequencies
- Support Wi-Fi 7 802.11 a/b/g/n/ac/ax/be
- 2*2MIMO BE3600
- 5000mAh 2.4 Touch
- Size: 140.0*74.0*19.0mm



5G MiFi SRT876L

- 5G RedCap
- Qualcomm X35+WCN6856
- Support Global Mainstream Frequency Band
- Support Wi-Fi 6 802.11 a/b/g/n/ac/ax 2*2MIMO AX1800
- LCD: 1.44Inch Screen
- Battery: 3000mAh
- Working Hours: 7h
- Size: 130.0*70.0*19.5mm

Our Partners



Livestreaming Box Solution

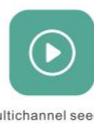
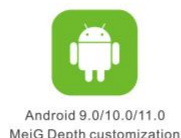
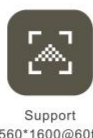


System platform

- Processor: eight nuclear 2.0-2.8GHz, high-pass chip SDM660/QCM6490*/QCS8250*
- Android 9.0/10.0/11.0, custom motherboard+Smart Module SLM900/SRM930*/SNM951* (flexible configuration)

Product characteristics

- Support 2560 * 1600 @ 60fps/FHD+1080 * 2520 @ 60fps 4K video recording and playing
- Eight nuclear's high-performance CPU, configurable with large-capacity battery, supports Type-c charging and broadcasting, and long-time live broadcast is more stable.
- Synchronous video loop-out: multi-channel mixing and 4-channel camera interface cameras, SLR, UAV, camera, DV, PC and other video acquisition devices.
- Rich interface support: including LCM, touch screen, camera, microphone, speaker, UART interface, USB interface, I2C interface, SPI interface, etc. Support voice, multi-platform live broadcast by camera, multi-station switching, video guide and so on. Support active and passive audio access, microphone, local video, HDMI and USB channels, and lock one or more channels of mixing and control.
- A variety of network standards: LTE-TDD/LTE-FDD/WCDMA/EVDO/TD-SCDMA/CDMA/GSM, and a broadband intelligent wireless communication module integrating GNSS and 2.4&5G Wi-Fi.



MeiG Smart's MC539 is a customized industry solution for live streaming device with full network coverage (2G/3G/4G/5G). The solution is a customized PCB (can be designed according to client's ID and preferences) developed with MeiG's smart modules SLM900/SRM930*/SNR951, enabling our partners to set up live broadcast studios easily and helping to satisfy the needs of multiple and diverse application scenarios required for live streaming.

Edge AI BOX Solution



System Platform

- Based on Qualcomm QCM6490/QCS8250/SM8475/QCS8550 Platform
- Internally Installed MeIG 5G High computing power AI module SNM930, SNM950, SNM960, SNM970

Product Characteristics

- 14Tops~48Tops High computing power and support for one-stop edge device management
- Integrated thermal design for continuous operation without compromising performance
- Supports Wi-Fi 6E for faster and more stable wireless connection
- Rich extended interfaces, support rapid deployment in different scenarios
- Differ from traditional surveillance camera, support external mipi camera, small size

AI Big Model Support Manufacturer:



Qualcomm chip



High Computing Power AI
14Tops~48Tops



BT5.2



Android
MeIG Deep customization



Wi-Fi 6E



Rich interface



All netcom



Ultra Small Volume

MeIG Smart's 5G high-computing-power AI modules SNM930, SNM950, SNM960, SNM970 based on Qualcomm's QCM6490, QCS8250, SM8475, and QCS8550 platforms have launched an AI edge computing box solution with a lightweight edge-end technology engine, which can be accessed to the network camera in order to provide the video algorithm analysis capability, and has an arithmetic power of up to Around 14Tops~48Tops, supporting Wi-Fi 6E, BT5.2 and Android, the products can be widely used in unmanned vending systems, VR Camera, intelligent robots, video surveillance, security monitoring, intelligent information collection devices, live broadcast terminals and other products.

Cash register Solution



System Platform

- Processor: Qualcomm Snapdragon Quad-Core/Octa-Core

Display

- Screen interface: support MIPI, EDP, LVDS, HDMI
- Screen size: 15 inches/10 inches/7 inches

Network Parameters

- Data Traffic: 4G/3G/2G global frequency band
- Wireless connection: 2.4G/5G supports IEEE 802.11 a/b/g/n/ac
- Bluetooth: BT4.1, support BLE



Qualcomm
Quad-Core/Octa-Core



Dual screen
abnormal display
abnormal touch



FHD-1920X1080



Android



USB Type A*4



Micro USB*1



Power interface



RJ45



RJ12-Money box mouth



RJ11-232 Serial port



UART*3



Headset

MeiG Smart's cash register solution is the industry's first industrial motherboard designed with Qualcomm Snapdragon octa-core CPU, supporting 4-port USB, RJ45, RJ12, RJ11, Micro-USB, earphone and other interfaces. With the use of structured-light camera, it supports biometric technology in live facial recognition which can be applied to financial scenarios such as face recognition payment. It also supports eSIM technology which opens up a new era of virtual and interoperable cellular IoT applications. The solution is suitable for industries such as restaurant chains, unmanned supermarkets and convenience stores, providing comprehensive features such as self-checkout, front-desk checkout, self-ordering, online ordering, cash register management, membership management, inventory management, etc.

Smart POS Solution



System Platform

- Processor: Qualcomm QCM2150/QCM2290/UNISOC SL8541E
- Operating System: Android

Display

- Screen size: 5 inches

Network Parameters

- Data Traffic: 4G/3G/2G global frequency band
- Wireless connection: 2.4G/5G supports IEEE 802.11 a/b/g/n/ac
- Bluetooth: BT4.1, support BLE



Printer



Scan code



NFC



National secret algorithm



IC Card



Magnetic stripe card



720P



5M Camera

MeiG Smart's cash register solution is the industry's first industrial motherboard designed with Qualcomm Snapdragon octa-core CPU, supporting 4-port USB, RJ45, RJ12, RJ11, Micro-USB, earphone and other interfaces. With the use of structured-light camera, it supports biometric technology in live facial recognition which can be applied to financial scenarios such as face recognition payment. It also supports eSIM technology which opens up a new era of virtual and interoperable cellular IoT applications. The solution is suitable for industries such as restaurant chains, unmanned supermarkets and convenience stores, providing comprehensive features such as self-checkout, front-desk checkout, self-ordering, online ordering, cash register management, membership management, inventory management, etc.

4G CPE Solution

4G
CPE

6 Key Features



4G to WAN, enjoy high speed network



4G to Wi-Fi, wireless connection, fast and convenient



Wi-Fi dual-band 2.4G & 5GHz



SIM Card plug and play



WAN Port(s)+LAN Port(s) Combination



Voice: CS Voice VIOP/VoLTE



4G CPE SLT866H



4G CPE SLT868Q



4G CPE SLT866



4G CPE SLT818B

4G Platform:

- ASR 1803 Cat.4
- ASR 1826 Cat.6
- Qualcomm 9x07 Cat.4
- Qualcomm SDX12 Cat.6 up to Cat.12 (Support CA)
- Qualcomm 9x50 Cat.6 up to Cat.16 (Support CA)
- Qualcomm SDX20 Cat.18 (Support CA)

Wi-Fi Platform:

- MTK MT7621
- Qualcomm 6174 2.4GHz & 5GHz
- Realtek 8192 2.4GHz
- Qualcomm IPQ4019 Hard AP & Cost efficiency
- Qualcomm WCN6856 Wi-Fi 6E
- Qualcomm WCN7851 Wi-Fi 7

4G CPE Solution

4G
CPE



4G CPE SLT728



4G CPE SLT719



4G CPE SLT711



4G CPE SLT818H

Frequencies:

4G modules can be changed to meet the frequency demands of main global carriers. (LTE-FDD, LTE-TDD, WCDMA, EVDO & CDMA, GSM)

Usage Scenarios:

Indoor Wi-Fi hotspot, home gateway & voice call, outdoor networking, monitoring camera equipment, no fixed line area, party, laptops, resgisters, etc.



4G ODU SLT869



4G IDU SNT151

4G MiFi/Dongle Solution



4G MiFi SLT776

- Chip: Qualcomm MDM9x07 Cat.4
- Wi-Fi: 2.4G, Wi-Fi 1*1/2*2 (optional) 802.11 b/g/n
- Battery: Li-ion Battery 2200mAh
- Band: Support global frequency band
- Working Hours: 7h(2200mAh)/10h(3000mAh)
- Standby Time: 450h(2200mAh)/600h(3000mAh)
- Optional Configuration: Screen optional
- Size: 99.0*60.0*14.0mm



4G MiFi SLT778

- Chip: Qualcomm MDM9x07 Cat.4
- Wi-Fi: 2.4G, Wi-Fi 1*1/2*2 (optional) 802.11 b/g/n
- Battery: Li-ion Battery 2200mAh
- Band: Support global frequency band
- Working Hours: 7h(2200mAh)/10h(3000mAh)
- Standby Time: 450h(2200mAh)/600h(3000mAh)
- Optional Configuration: Screen optional
- Size: 99.0*60.0*14.0mm



4G MiFi SLT879EL

- Chip: Qualcomm SDX12 Cat.6
- Support global mainstream frequency band
- Wi-Fi: 802.11 a/b/g/n/ac
- LCD: 3*LED
- Battery: 2200mAh
- Working Hours: 7h
- Size: 112.0*65.0*17.0mm



4G MiFi SLT879EH

- Chip: Qualcomm SDX12 Cat.6
- Support global mainstream frequency band
- Wi-Fi: 802.11 a/b/g/n/ac
- LCD: 1.44Inch Screen
- Battery: 3000mAh
- Working Hours: 7h
- Size: 112.0*65.0*17.0mm



4G MiFi MT504

- Chip: UNISOC V8310 Cat.4
- Wi-Fi: 802.11 b/g/n,channel 1~13
- Battery: Lithium battery 2200mAh
- Band: Support global frequency band
- Working Hours: 7h(2200mAh)
- Standby Time: 450h(2200mAh)
- Optional Configuration: Lithium battery 3000mAh, adapter
- Size: 99.0*60.0*14.0mm



4G USB Dongle MT548

- Chip: UNISOC V8310 Cat.4
- Wi-Fi: 802.11 b/g/n,channel 1~13
- Port: Type C port
- Band: Support global frequency band
- Optional Configuration: Type A male connector to Type C male connector
- Size: 75.0*27.0*11.0mm

Find you everywhere!

Tracker



Tracker SLT181-S1(9207)



Tracker SLT181-S2(9207)



Tracker SLT188(9205)



Tracker MA500(9X07)

Qualcomm 9207:

- LTE-FDD, LTE-TDD, DC-HSPA, TD-SCDMA, GSM
- Wi-Fi 802.11ac
- BLE
- GPS, Glonass, Beidou, Galileo

Short-distance travel

- Scooter-sharing, Bike-sharing
- Private automobiles for short distance travel
- CAN Battery Global Band

Qualcomm 9205:

- NB-IoT Tracker; NB/Cat M/EGPRS ; GPS /LBS/Wi-Fi Position (2.4G Only) ; Lower power & smaller footprint;
- Additional and improved capabilities-Rel.14 LTE Cat.NB2-Rel.14 LTE Cat.M1, GNSS and security enhancements

Precise location tracking

- Precision location tracking
- Tracking history memory
- Data collection
- Motion detected
- CAN Battery Global Band
- Remote Control
- Vehicle tracking
- Electronic fence alarm
- FOTA

Various network systems: 4G, 3G, NB, GSM.

Various Product types: vehicle-mounted industry products and consumer products.

Care

- Elder /Child/Pet care
- SOS for help
- Motion/period/find Mode
- Activity monitoring

Interface

- 2xRS232
- 1xSpeaker
- 1xRS485
- 1xACC Detect
- 1xCAN
- 2xLED

Safety

- Accurate indoor and outdoor positioning
- Lost and retrieved
- Geofencing and alert notification

Product Key feature

Type	GPS Tracker
Mode	NB-IoT/Cat-M/GSM
Frequency	Global
GNSS	Qualcomm integrated ,low power consumption
Bluetooth	BLE
WiFi	2.4GHz, 802.11b/g/n, provide A-GPS function
LED UI	Breathing light
Mic & Speaker	Support Mic & Speaker
sensor	A+G sensor, Various sensors (Temperature/Humidity/Pressure)
Water proof	Waterproof & dustproof design

Application scenario:





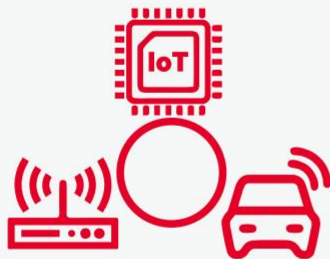
5G+AIoT

5G, AI and IoT technologies will become the core technologies of the intelligent world. MeiG focuses on R&D, production and sales of 5G, AI and IoT technologies and products, Continues to lead the development of 5G+AIoT smart module with high computing power.



1000+ R&D Personnel

3 R&D centers in Shenzhen, Shanghai and Xi'an, with R&D driving technology development Focusing on core application fields such as IoT universal connection, ICV, FWA and PC Set up R&D and sales branches in Japan, Germany, the United States, Singapore, etc. To accelerate the pace of globalization



Main Channels of Product Application

The intelligent connected vehicle field with new energy vehicles as the core
The universal connection field of Internet of Things represented by new retail and handheld PDA.
5G and 4G Fixed Wireless Access Field
Innovative development fields such as cloud computing and new energy



Global Sales Map

Attach equal importance to domestic and overseas market,
Successfully provide technical services such as IoT technology development and IoT core link hardware and software platform for more than 100 countries and regions around the world,
The market share is in the world's leading level.

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MeiG Smart Official Wechat QR Code



MeiG Smart Wireless Solutions