

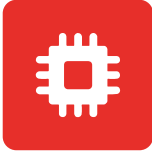


# MeiG-SRM700

5G

Wi-Fi 6E & L1+L5 GNSS

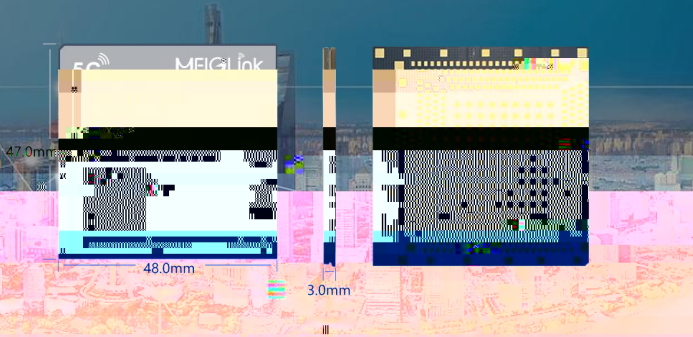
|                      |  |  |                          |  |  |                                              |  |  |
|----------------------|--|--|--------------------------|--|--|----------------------------------------------|--|--|
| SRM700               |  |  | 5G SoC QCM4490           |  |  | 8 Kryo™ CPU 2 * A78 2.2GHz+6                 |  |  |
| * A55 1.95GHz ,4nm , |  |  | Adreno™ GPU 613          |  |  | OpenGL ES 3.2 Vulkan 1.x OpenCL 2.0, DX FL12 |  |  |
| 1080p @ 60 fps       |  |  | 1080p @ 60 fps           |  |  | H.264/H.265 Android 13                       |  |  |
| 64GB+4GB             |  |  | 128GB+6GB                |  |  | 5G NR sub-6Ghz DL 4 × 4 MIMO UL: 256 QAM     |  |  |
| NSA SA L1+L5 GPS     |  |  | 2x2 MIMO Wi-Fi 6E BT 5.2 |  |  |                                              |  |  |
| SRM700               |  |  | LCM                      |  |  | UART USB I2C                                 |  |  |
| SPI PCIe             |  |  |                          |  |  |                                              |  |  |

|                                        |  |  |  |  |  |                                                                                       |  |  |
|----------------------------------------|--|--|--|--|--|---------------------------------------------------------------------------------------|--|--|
| :                                      |  |  |  |  |  |                                                                                       |  |  |
| ✓ 5G NR sub-6Ghz, DL 4 × 4 MIMO SA/NSA |  |  |  |  |  |   |  |  |
| ✓ WIFI 6E, 2x2 MIMO                    |  |  |  |  |  |  |  |  |
| ✓ FHD+ (1080x2520) @ 90/120Hz          |  |  |  |  |  |                                                                                       |  |  |
| ✓ : 16+16 MP@ 30 fps                   |  |  |  |  |  |                                                                                       |  |  |
| ✓ L1 + L5                              |  |  |  |  |  |                                                                                       |  |  |
| ✓                                      |  |  |  |  |  |                                                                                       |  |  |
| ✓ : USB / GPIO / SPI / UART / ...      |  |  |  |  |  |                                                                                       |  |  |
| ✓ 2030                                 |  |  |  |  |  |                                                                                       |  |  |

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## SRM700

5G-FDD: N1/N3/N5/N8/N28  
5G-TDD: N41/N78(PC2)/N79(PC2)  
4X4 MIMO(DL): N1/N3/N41/N78/N79  
2X2 MIMO(UL): N41  
LTE-FDD: B1/B3/B5/B8  
LTE-TDD: L t d

- Decode: 1080P@60fps H.264/H.265/VP9
- Encode: 1080P@30fps H.264/H.265
- Concurrency:  
1080p30 decode + 1080p30 encode

- FHD+(1080x2520)@ 60/90/120 Hz
- One 4-lane DSI,

- 3 x 4-lane CSI D-PHY 1.2 or C-PHY 1.2
- 16 + 16 MP/25 MP @ 30 fps

- WLAN:  
WIFI 6E(2 × 2 MU-MIMO 802.11a/b/g/n/ac/ax)
- : BT5.2
- GNSS: GPS/GLONASS/BeiDou, L1+L5 GPS
- Modem  
3GPP 5G Rel.16  
sub-6 GHz 5G NR  
Sub-6: 256 QAM for uplink and downlink
- USB

Android

- I2C 64GBUFS+4GBLPDDR4x  
128GBUFS+8GBLPDDR4x

- : -30°C~+75°C
- : 3 -40°C~+90°C
- :  
2 x MI2S  
3 x DMIC

## USB

- 1 x USB 3.1 Gen1 USB OTG

\*4, GNSS \*1, Wi-Fi&BT \*2

- I2C : x8 4 I2C 1 sensor  
QUP
- (U)SIM : x2 (1.8V/2.95V
- UART : x3 ( QUP
- SD : x1 ( SD 3.0, 4-bit SDIO,dual-voltage
- SPI : x2
- ADC : x2
- GPIO : x76
- PWRKEY: 1.8V,

002881

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