

SPECIFICATION OF 4G MIFI

1. Model No. MS6121



2. Brief

- *LTE-Advanced
- *Enhanced MIMO
- *Battery:2700mAH
- *1.44 inch screen

3. Specifications

◇ Basic	Item
* Model	4G LTE-A MIFI Router
*Platform	Sanechips7520+AIC8800
* MP Time	2022/5
* Mode/Band	TDD-LTE: B38/40/41(optional) FDD-LTE: B1(B4)/B2/B3/B5/B7/B8/B28A(B12.B17)/B28B(B13.B14.B20)(optional) WCDMA:B1/B2/B5/B8(optional)

* Type	Portable hotspot device with 1.44 inch screen
* Battery	Lion battery:2700mah
* Size(mm)	99mm*58.23mm*14.5mm
* Weight	about 80g (without battery)
◇ HW Description	
* Air interfaces	✓ TD-SCDMA: ✓ R5 1.28 TDD-HSDPA 2.8 Mbps DL - R7 1.28 TDD-HSUPA 2.2 Mbps UL - R8 1.28 TDD-HSPA+ 4.2 Mbps DL / 2.2 Mbps UL - UMTS: ✓ R99 384 kbps DL / UL - R5 HSDPA 7.2 Mbps DL - R6 HSUPA 5.76 Mbps UL - R7 HSPA+ 21 Mbps DL / 5.76 Mbps UL - R8 DC-HSPA+ 42 Mbps DL / 5.76 Mbps UL - TDD-LTE:R10 Cat4 150 Mbps DL / 50Mbps UL √ √ FDD-LTE:R10 Cat4 150 Mbps DL / 50Mbps UL
* Frequency Band	✓ 2.4GHz
◇ SW Description	
* Wi-Fi	✓ 802.11b/g/n up to 300Mbps ✓ Modes supported:802.11b mode

	802.11g only mode 802.11n only mode 802.11b/g only mode 802.11b/g/n mode 802.11n (2.4GHz, 20MHz)
* User amount	✓ Max to 16
* AP Features	✓ Security modes ✓ Open ✓ WEP ✓ WPA-PSK ✓ WPA2-PSK ✓ WPA-WPA2 Hybrid mode (Mixed Mode) ✓ TKIP-CCMP Hybrid mode (Mixed Mode) ✓ WPS 2.0 ✓ Hidden SSID supported
◇ Interface	
* Antenna	✓ 4G/3G Main antenna ✓ 4G MIMO/3G Rx Diversity antenna ✓ WiFi antenna ✓ Internal
* USB	✓ TYPE-C ,USB 3.0 High Speed
* SIM/USIM Card slot	✓ Yes; Standard 6 PIN SIM card interface, compliant with 3GPP 31.101

	and 31.102
* Micro-SD Card slot	✓ Yes
* Button	✓ Power:YES ✓ Reset:YES
◇ Other Description	
◇ Electrical performance spec	
* RF Power Spec	Class 3 for UMTS/HSPA/LTE; Class 4 for GSM 850/900; Class 1 for GSM 1800/1900; Class E2 for EDGE 850/900/1800/1900
* Power supply input	Yes 3.4-4.2 V
* Charge input	5V-1A
◇ Environmental reliability test condition	
* Normal Operation	0°C to +45°C
* Restricted Operation	-10°C to +55°C
* Storage	-20°C to +70°C
◇ Compliance	
* ROHS, CE	Customization

* JATE	Customization
* TELEC	Customization
* PSE	Customization
* others	Customization