


SHFi5GMX55A SPEC												
Item	Sub Item		SPEC									Note
ID name	ID Drawing		LCD/LED	Battery	Size	Weight	Painting&silk print					
5G MIFI			LCD(1.44TFT)	8000mAh	105mm*105mm*20mm	230	Standard					
			Band(Default)			Band(Compatible)						
Product	PCBA Name	TDD-LTE	FDD-LTE	5GNR	UMTS	EDGE/GPRS	TDD-LTE	FDD-LTE	TD-SCDMA	UMTS	EDGE/GPRS	
General MIFI	5G MIFI	B34/B38/39/B40/B41/B42	B1/B3/B5/B7/B8/B18/B19/B20/B26/B28/B32	n41/n77/n78/n79/n1/n3/n5/n7/n8/n20/n28/n38/n40	B1/B3/B5/B6/B8/B19	/	/	/	/	/	/	
WAN												
RF Capability	Chipset		Qualcomm SDX55									
	5G NR		n41/n77/n78/n79/n1/n3/n5/n7/n8/n20/n28/n38/n40 NSA and SA mode									
	LTE Channel Bandwidth		1.4/3/5/10/15/20 /40/60MHz									
	Modulation		Downlink QPSK/16-QAM/64-QAM/1024-QAM Uplink QPSK/16-QAM/64-QAM									
	LTE Authentication		EPS-AKA									
	Adaptive Modulation and Coding		Supported									
	MIMO support		MIMO 2x2									
	Idle Mode		Supported									
	Sleep Mode		Supported									
Idle Mode Signaling Reduction (ISR)		Supported										
	UE Certification		Device Operator TA		Without							
			Device Reginal Certificate		Without							
			Device Country 1 Certificate		Without							
			Device Country 2 Certificate		Without							
			WIFI Certificate		WIFI alliance							
			Battery general certificate		MSDS+UN38.3							
			Battery country certificate		Without							
			Charger Certificate		Without							

Data Rate	5G NR	5G SA sub-6 : DL 2.1Gbps; UL 900Mbps 5G NSA sub-6 : DL 2.5Gbps; UL 650Mbps	
	LTE	DL 1.0Gbps; UL 200Mbps	
	LTE	DL 42Mbps; UL 5.76Mbps	
LAN			
WIFI info	WLAN Mode	802.11a/802.11b/802.11g/802.11n/802.11ac/802.11ax	
	Frequency Band	2.4G and 5G	
	WLAN Channel supported	2.4G:1/2/3/4/5/6/7/8/9/10/11/12/13/14 5G:7/8/9/11/12/36/38/40/42/44/46/48/50/52/54/56/58/60/62/64/100/102/104/106/108/110/112/114/116/118/120/122/124/126/128/ 132/134/136/138/140/142/144/149/151/153/155/157/159/161/165	
	Antenna Type	FPC	
	Supported Security	none/wep128/wpa-psk/wpa2-psk	
	WIFI Chip	QCA6391(802.11ax, 2 × 2 MIMO,Bluetooth 4.1 and earlier)	
	WIFI +Bluetooth	dual-band 2 × 2 802.11ax + Bluetooth 4.1 reliability data	
Data Rate	WIFI MIMO	2x2	
	WIFI IEEE 802.11a	2Mbps	
	WIFI IEEE 802.11b	11 Mbps	
	WIFI IEEE 802.11g	Max 54 Mbps	
	WIFI IEEE 802.11n	Max 300 Mbps	
	WIFI IEEE 802.11ac	Max 866.7Mbps	
WIFI IEEE 802.11ax	Max 1800Mbps		
RJ45			
RJ45			Supported
System			
3G/4G/5G setup	Network Selection	Manual, Auto Setup by user	Supported Not Supported
	Interoperability	5G NR &TDD & FDD-LTE	Supported
	SMS	SMS over SGs Func at LTE SMS's receiving and reading	Supported Supported
	APN setup	APN setup and revise	Supported
	PIN Func	PIN:Save, revise, lock,unlock	Supported
	DM	DM(Now support CMCC DM)	Supported
	Modem Func	Connect to PC by USB	Supported
	Automatically connect reconstructed	Can automatically reconnect to network after off-network in data using	Supported
WIFI setup	Protocol	Max users 64	Supported
		DHCP client / server, you can set whether to activate the DHCP service assigns IP addresses starting and ending addresses, set the gateway address; Support client list: Displays all the DHCP server to obtain IP address of the host, including MAC address, IP address obtained	Supported
		Support terminal IP address, SSID, communication channel, security type, the administrator account and password factory setting	Supported
		Support SSID and channel settings: Set SSID, communication channel (frequency band WIFI settings, select the range of WIFI support of the band all the available channels), WIFI function on/off, and the SSID broadcast on/off	Supported
		Provides WEP, WPA-PSK, WPA2-PSK, WAPI encryption methods, etc.	Supported
		Support MAC and IP filtering	Supported

Other setup	Driver setup	With the PC operating system automatically recognizes, supports drivers installed automatically	Partly Supported
	Web Server	WEB UI	Supported
	Administrator password	Terminal preset default administrator password, supports password changes	Supported
	SW update	Support local upgrade the firmware of the terminal	Supported
	Time setup	Set user location's time	Supported
	Recovery	Support the terminal restore all settings to the factory default state	Supported
	Reboot	Reboot by SW	Supported
	Operator lock	Software locking(can customization hardware locking)	Supported
	Online help	This menu item provides the user with the help of the course, descriptive information	Supported
	HTTP upgrade	Local HTTP server preferred	Supported
	OTA (HTTP/TR069)		No supported
	System Log	Display system during operation log information generated. Easy for users to understand the equipment through query log system events	Supported
	Connection-based	Hostless	
Plug & Play	Supported		
Power features	working Voltage	Battery voltage: 3.5-4.35V	
	Voltage fluctuations	3.5-4.35V DC	
	working Current	TBD	
Environmental Characteristics	Operating Temperature	0℃~+40℃	
	Extreme working temperature	-10℃~+50℃	
	Storage Temperature	-20℃~+45℃	
	Relative humidity	5%~95%	
Structure	I/O	Micro USB;	
	LTE SIM	Standard physical SIM card(SoftSIM/eSIM optional)	
	T-Flash Card	not support	
Port	SIM	3GPP 31.101 and 31.102 standard	
	Key	Power、 WPS Key、 Reset key	
Reception range		indoor: 30 m; outdoor: 50m	
PC OS	Win7/WinXP	Supported	
	MAC OS	Supported	
	Windows8	Supported	
	Android	Supported	
	LINUX	Supported	
Accessory	Charger	Without	
	Data cable	Without	
	Package box & Label	Without	