



Figure 2-1 Real product Figure show

2.1 Mechanical characteristics

The size of the produce module is 51*30mm , height is 5.2mm. Figure 2-2 is the Dimensions type map about this produce module.

2.2 Technical Parameters

The main characteristics of the product is Mechanical characteristics、 baseband、 RF, technical standards and environmental characteristics. Table 2-1 is the main technical parameter and characteristics which the product support.

Table 2-1 The main technical parameter:

Title	Parameters of the item	Specifications	
Mechanical characteristics	Size(L*W*H)	51mm * 30mm * 5.2mm	
	Weight	About 10g	
	Encapsulation type	52Pin Mini PCIE interface	
	Processor architecture	MDM 9x07(Qualcomm)	
	(U)SIM/SIM	Support 3V SIM card and 1.8V SIM card	
	USB interface	USB 2.0 HIGH SPEED	
Baseband	Maximum power consumption 1	1.9W	
	Voltage	3.0-3.6V, special3.3V	
	Electric current 2	peak current	≤ 2A
		The average current when normal work	≤ 600mA
		The average current when normal work(without task)	≤ 30mA
	standby current	≤ 6mA	
RF	Frequency Range	TDD-LTE B38/B39/B40/B41 FDD-LTE B1/B3/B7/B8/B20 TD-SCDMA B34/B39 UMTS/HSDPA/HSPA+ B1/B8 GSM/GPRS/EDGE 900/1800 MHz GPS/BEIDOU/GLONASS AGPS	
		Diversity reception	TDD-LTE B38/B39/B40/B41
		frequency range	FDD-LTE B1/B3/B7/B8/B20

technical standards	Data rate	<p>LTE CAT4 Uplink up to 50Mbps, Downlink up to 150Mbps</p> <p>TD-HSDPA/HSUPA Uplink up to 2.2 Mbps, Downlink up to 4.2 Mbps</p> <p>TD-SCDMA Uplink up to 128Kbps, Downlink up to 384Kbps</p> <p>HSPA+ Uplink up to 5.76 Mbps, Downlink up to 42 Mbps</p> <p>UMTS Uplink/Downlink up to 384Kbps</p> <p>EDGE Class12: Max. 236.8Kbps(DL),Max. 236.8Kbps(UL)</p> <p>GPRS Class12: Max. 85.6Kbps(DL), Max. 85.6Kbps(UL)</p>
	Operation system	Windows XP (SP2 and later)
		Windows Vista
		Windows 7
		Linux
		Android
	operating temperature	-30 to 75° C
	storage temperature	-40 to 90° C
	humidity	5%~ 95%
	Environmental characteristics	RAS dial
SMS		Support
Lock Network		Support
Application	SIM READER	Support
	AT Commands	Compatible 3GPP TS 27.007, 27.005 and AT command
	Upgrade	Support