

◇ Basic Product Information		
Item	Item	Remark
◇ Model	4G LTE Router	WiFi hotspot
◇ SA Time	12.2016	
◇ Band/Mode	TDD-LTE: B38/39/40/41 FDD-LTE: B1/B3/B5/B7/B8/B20 TD-SCDMA: B34/39 UMTS: B1/B2/B5/B8 GSM Quad Band	The frequency bands can be customized
◇ Type	Portable hotspot device with LCD	
◇ Size(mm)	109*60*20	
◇ Weight(g)	105g	
◇ System memory	NorFlash 2Gb	
◇ HW Description		
Item	Item	Remark/Supplier
◇ Main CPU or Co-CPU (MHz)	Marvell 1802	
* CPU (MHz)	550MHz	
	TDD-LTE	Cat4 150 Mbps DL / 50 Mbps UL
	FDD-LTE	Cat4 150 Mbps DL / 50Mbps UL
◇ Memory 内存		
* System memory	NorFlash 2Gb	
* External memory	up to 32GB	Micro-SD
◇ WIFI		
* Frequency Band	2.4GHz	
* 802.11b/g/n	up to 150Mbps	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 1x1 (2.4GHz, 20MHz)
* User amount	Max to 10	Max to 10
* 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
	Concurrency (FC quality for LE1.0)	AP-STA mSSID (AP-AP) – up to 2 SSID's STA-STA communication block/allow between two SSIDs Independent security modes (Open, WEP, WPA, WPA2, WAPI) for concurrency modes above except WEP in both interfaces Channel of operation - same channel
	Other	QoS and PS WMM WMM-PS/uAPSD ERP protection Coexistence LTE coexistence (static channel selection) Data Switching/Forwarding Switching of packets amongst clients Support for forwarding data to and from WAN VPN Pass-through
◇ Interface		
* Antenna	4G Main antenna 4G MIMO Rx Diversity antenna WiFi antenna	Internal
* LCD Display	1.46" 128x128 TFT	
* USB	Micro USB	USB 2.0 High Speed

## JM1802A SPEC

* SIM/USIM Card slot	Yes	Standard 6 PIN SIM card interface, compliant with 3GPP 31.101 and 31.102
* Micro-SD Card slot	Yes	
*尺寸 L*H*W ( mm)	109*60*20	
* Weight(g)	105g	
◇ Button		
* Power	Yes	
* WPS	Yes	
* Reset	Yes	
◇ Battery		
	<b>Item</b>	<b>Remark/Supplier</b>
* Lion battery	2300mAh	Li-on
◇ Other Description		
	<b>Item</b>	<b>Remark/Supplier</b>
◇ Electrical performance spec		
* RF Power Spec	Class 4 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	( 5V-1A )
* Power supply output	Yes	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	YES, EU RoHS	
* JATE	Yes	
* TELEC	Yes	
* PSE	YES	
* others	depend on customer required	