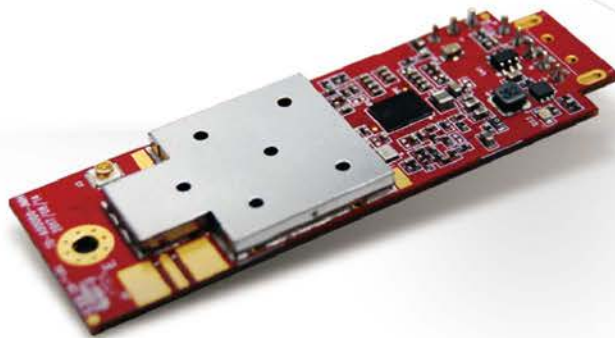


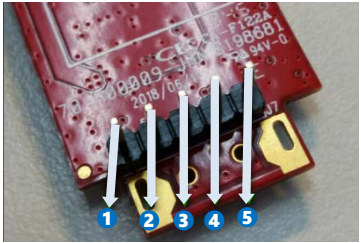


# AC-720M

802.11ac Wireless LAN USB Module



The AC-720M is an IEEE 802.11ac wireless embedded module that delivers exceptional wireless performance. This wireless module is available on an IEEE 802.11an/ac USB card.

<b>Hardware</b>	Standards	802.11b/g/n 802.11an/ac	
	Host Interface	USB 2.0	
	Operating Voltage	DC 5V±5%	
	Power Consumption	TX : ≤750mA RX : ≤250mA (Test mode with RF tool)	
	Output Power	802.11b: 23dBm 802.11g: 23dBm 802.11n: 23dBm	
	Supported Data Rates	11b: 22 dBm @ 11Mbps 11g: 22 dBm @ 6Mbps 11n: 22 dBm @ HT20/40 11a: 20 dBm @ 6Mbps 11ac: 20 dBm @ VHT20/40/80	
	Receive Sensitivity	11b: -94dBm 11a/g: -92dBm 11n: -92dBm 11ac: -90dBm	
	Modulation	802.11b: DSSS (DBPSK, DQPSK, CCK) 802.11g: OFDM (BPSK, QPSK, 16-QAM, 64-QAM) 802.11an/g/n: OFDM (BPSK, QPSK, 16-QAM, 64-QAM) 802.11ac: OFDM (BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM)	
	Antenna Connector	1 U.FL, SMA (Option)	
	Indicator	On: power on Off: power off	
<b>Physical Characteristics</b>	<b>Dimensions</b>	65 (L) x 20.9 (W) x 11.60 (H) mm with USB PIN header	
	<b>Weight</b>	≤ 10g	
<b>Environmental</b>	<b>Operating</b>	<b>Storage</b>	
	Temperature: -30 – 75 °C Humidity: <90% RH (non-condensing)	Temperature: -30 – 80 °C Humidity: 10 – 90% RH	
<b>PIN Definition</b>	1	HW Reset	
	2	VCC (+5V)	
	3	USB_D-	
	4	USB_D+	
	5	GND	