

## HIGH PERFORMANCE OUTDOOR AC1200 WIFI-5 DUAL BAND HIGH POWER WIRELESS AP



### MAP-Q802

#### PRODUCT SPECIFICATIONS:

- ▶ External 6dBi Omni-Directional Antenna
- ▶ Qualcomm Chipset Solution, up to 80 devices
- ▶ Waterproof Outdoor Casing, IP67 Protection
- ▶ Standard PoE Power Input or DC Power Input (Optional)
- ▶ 1200Mbps, Adjustable Tx Power 802.11AC MIMO
- ▶ FIT and FAT AP Mode, Adjustable TX Power, Coverage Radius 200 Meters

## HARDWARE SPECIFICATIONS:

Model	MAP-Q802
Dimension	512M
Weight	Approx. 2500g
Installation	Wall or Pole Installation
LED Indicators	PWR / SYS / 2.4GHz / 5GHz / SFP
Interfaces	1 x GbE Uplink, Support 802.3at Power Supply 1 x 1GbE SFP Port (Optional) 4 x N-Type Antenna Connector (Wi-Fi)
Power Input	50V ~ 57V, 802.3at PSE
Operating Temperature	-40°C to +65°C
Storage Temperature	-40°C to +70°C
Operating Humidity	5% - 95% (non-condensing)
Air Pressure	86kPa ~ 106kPa Altitude
IP Rating	IP67
Safety Certification	SRRC, Can do according customer's request
Annual Failure Rate	AFR < 1.5% (Continuous Operation Status)
CPU	Qualcomm IPQ4019 + QCA8075
Flash	32MB SPI Flash
RAM	256MB DDR3L Memory
Working Frequency	2.4GHz Radio: 2.4000GHz ~ 2.4835GHz
	5GHz Radio: 5.150~5.250,5.250~5.350,5.470~5.725, 5.725~5.850GHz
Max. Transmit Power	2.4GHz Radio: 27dBm @ MCS0, 21dBm @ MCS11
	5GHz Radio: 27dBm @ MCS0, 21dBm @ MCS11

## HARDWARE SPECIFICATIONS:

Data Rate	<p>2.4G Radio:</p> <p>802.11b: 1, 2, 5.5, and 11Mbps</p> <p>802.11g: 6, 9, 12, 18, 24, 36, 48, and 54Mbps</p> <p>802.11n HT20/ HT40: MCS0~MCS15 (400/ 800ns GI)</p>											
	<p>5G Radio:</p> <p>802.11a: 6, 9, 12, 18, 24, 36, 48 and 54Mb/s</p> <p>802.11n HT20/ HT40: MCS0~MCS15(400/ 800ns GI)</p> <p>802.11ac VHT20/VHT40/VHT80: MCS0 ~ MCS9(400/ 800ns GI)</p>											
Reception Sensitivity	<p>802.11g:</p> <p>-92dBm@6Mbps</p> <p>-74dBm@54Mbps</p>											
	<p>802.11n:</p> <table border="1"> <thead> <tr> <th></th> <th>HT20</th> <th>HT40</th> </tr> </thead> <tbody> <tr> <td>MCS0/8/16</td> <td>-90dBm</td> <td>-87dBm</td> </tr> <tr> <td>MCS7/15</td> <td>-71dBm</td> <td>68dBm</td> </tr> </tbody> </table>		HT20	HT40	MCS0/8/16	-90dBm	-87dBm	MCS7/15	-71dBm	68dBm		
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ComFi MAP-Q802	<p>Complete Product Unit including</p> <ul style="list-style-type: none"> <li>1 x 48V PoE Power Supply (Optional) / 12VDC Power Adapter (Optional)</li> <li>2 x Fiberglass Antenna (2.4GHz WIFI)</li> <li>2 x Fiberglass Antenna (5GHz WIFI)</li> <li>1 x Mounting Bracket Outdoor</li> <li>1 x Network Cable</li> </ul>									