



## 1.Specification:

- \* Support IEEE802.11b/802.11g/802.11n/802.3/802.3u
- \* wireless transmit power : 802.11b 18dBm±2dBm, 802.11g 15dBm±2dBm, 802.11n 15dBm±2dBm
- \* RX : 802.11b: -83dBm@10% PER, 802.11g: -74dBm@10% PER, 802.11n: -68dBm@10% PER,
- \* 5 Port 10/100 Mbps RJ45 Port, Support Auto MDI/MDIX
- \* 1XUSB2.0 Port, Support USB storage device,Support USB Modem
- \* 1XMICRO SD(TF) Card slot  
(FAT32 format Support Read/Write Max to 16G,Support Write over 16G  
NTFS format Support Read/Write Max to 16G,Support Write over 16G  
EXT4 format Support Read/Write up to 128G)
- \* 1XPCI-E Port, Support 3G/4G module with PCIE interface,Support 5G PCIE module(Max to 867Mbps,but need revise hardware)

\* Support RESET

\* Support Multi Encryption Algorithm

\* Support Max 30 users via Wireless, Max 4-5 users via HD,Max 80 users via wired

| Item                           | Description   |
|--------------------------------|---|
| <b>Platform and Chipset</b>    |   |
| Baseband Chipset               | Qualcomm 9X00   |
| <b>Hardware Specifications</b> |   |
| Working Frequency              | <ul style="list-style-type: none"><li>LTE-FDD Band 1/3/7/20 (2100/1800/2600/800MHz)</li><li>HSPA+/UMTS/WCDMA Band 1/8 (2100/900MHz)</li></ul> |
| Network Support                | TE-FDD Band 1/3/7/20 (2100/1800/2600/800MHz)<br>HSPA+/UMTS/WCDMA Band 1/8 (2100/900/MHz)  |
| <b>Software Specifications</b> |   |
| Date Service                   | LTE FDD DL100Mbps / UL50Mbps<br>HSPA+/UMTS/WCDMA DL 42.6Mbps / UL 5.76Mbps  |

## 2. Device Specification:

| Hardware specification |  |
|------------------------|--|
| Chipset                | MT7620A  |
| RAM                    | DDR2 64MB (Max to DDR2 256MB)  |
| FLASH                  | 16MB (Max to 32MB)   |
| Wi-Fi Standard         | IEEE802.11b/802.11g/802.11n/802.3/802.3u   |
| WiFi                   | 2.4g 300Mbps   |
| WiFi Bands             | 2.4GHZ   |
| Antenna                | 2 5dbi WiFi antenna, 2 4G antenna(can be customized)                             |
| Port                   | 1*PCI-E; 1*SIM; 1*USB 2.0; 1*Micro SD; 1*10/100M WAN port, support Auto MDI/MDIX |

|                               |  |
|-------------------------------|--|
|                               | ; 4*10/100M LAN port, support Auto MDI/MDIX  |
| LED                           | Power, PCIE module indicator, 2. 4G, WAN, LAN1, LAN2, LAN3, LAN4<br>Button : Reset         |
| Button                        | Reset  |
| Power                         | < 12W  |
| Size (L*W*H)                  | 110*82*30  |
| <b>Software specification</b> |  |
| WAN                           | PPPoE, Dynamic IP, Static IP, 3G (4G) dial up  |
| Working mode                  | AP;<br>ROUTER;   |
| DHCP server                   | DHCP server;<br>Clients list;<br>Static address allocation;                                |
| Virtual server                | Port forward<br>DMZ host   |
| Security settings             | Client filter<br>Mac filter<br>URL filter  |
| DDNS                          | Support  |
| VPN                           | Support  |
| QOS                           | Support  |
| Static route                  | Support  |
| Log                           | Support  |
| Others                        | Mac address copy<br>configuration file to import and export<br>Web upgrade software<br>... |
| <b>Others</b>                 |  |
| Operating environment         | Standard operating temperature: 0°C to 40°C;<br>Non-operating temperature: -40°C to 70°C;  |

|         |   |
|---------|---|
|         | Standard operating humidity : 10% to 90%RH<br>Non-operating humidity: 5% to 90%RH |
| Power   | <b>9V 2A</b>  |
| Package | Outdoor CPE device * 1  |
|         | 12V,1A Power Adapter * 1  |
|         | LTE Antenna * 2   |
|         | WiFi Antenna * 2  |