Archer BL-CPE450M
Pro 4G LTE Router EU

Main features:

- Compatible with majority of mobile operators and supports
  CN BAND:LTE:-FDD B1/B3/B5/B8
  LTE-TDD:B34/B38/B39/B40/B41 WCDMA:B1/B5/B8

- 4 Mode in 1- 4G Router Mode, 4G+Router(Dual-Access)Mode, Repeater Mode and AP Mode.

- 4*6dBi High Gain Antennas provide high signal coverage.

- LTE downlink：up to 300Mbps

- WLAN function, easy to expand wireless network.

- Prevent loiter network, multi wireless safety ensuring.

- IP broadband band control, ensure the speed.

- Support web page management, easy to install.

- Support network traffic statistics.

- Support 32 WIFI devices online simultaneously.

- Support LB-LINK APP remote management.

Product Specifications

Hardware Specification

CPU	MT7628/580MHz
DRAM/FLASH	64MB DDR2/8M SPI
Interface	2x RJ45 10M/100M LAN Ethernet interfaces
	1 x RJ45 10M/100M WAN Ethernet interfaces
	1 x Reset
	1 x Power jack 12V 1A
	1 x SIM（Standard）
Antenna	2.4G（802.11N）：2T2R 4G：2T2R
Gain	2.4G：5dBi 4G：1-4Dbi
Range	2.4-2.4835GHZ
LED	SYS
Transmit Power	11b：1/2/5.5/11Mbps 11g：6/9/12/18/24/36/48/54Mbps 11n： 300Mbps （MAX）
Spread-spectrum technique	DSSS
Data Encryption	WPA-PSK、WPA2-PSK、WPA/WPA2—PSK
Modulation type	11b：CCK、QPSK、BPSK 11g： OFDM 11n：QPSK，BPSK，16-QAM，64-QAM
Media access protocol	CAMA/CA with ACK
RF Power	11b：18±1.5dBm@1— 11Mbps 11g：16± 1.5dBm@6-54Mbps 11n：15±1.5dBm@6-54Mbps
Receiver Sensitivity	11b:-95dBm@1Mbps,-89dbm@11Mbps, 11g: -92dBm@6Mbps,-72dbm@54Mbps, 11n: -85dBm@MCS0,,-70dbm@MCS7, -86dBm@MCS8,-68dbm@MCS15,,
4G Modulation type /GNSS	LTE CAT4（compatible with LCC/PCIE/M2 package）
GNSS function	GPS、GLONASS、BeiDou/Compass、Galileo、QZSS
4G module RF Power	Class 4 (33dBm±2dB) for GSM850 Class 4 (33dBm±2dB) for EGSM900 Class 1 (30dBm±2dB) for DCS1800 Class 1 (30dBm±2dB) for PCS1900 Class E2 (27dBm±3dB) for GSM850 8-PSK Class E2 (27dBm±3dB) for EGSM900 8-PSK

	Class E2 (26dBm±3dB) for DCS1800 8-PSK Class E2 (26dBm±3dB) for PCS1900 8-PSK Class 3 (24dBm+1/-3dB) for WCDMA bands Class 3 (23dBm±2dB) for LTE-FDD bands
LTE Character	Support 3GPP R8 non-CA cat 4 FDD Support 1.4MHZ-20MHZ RF bandwidth UL support MIMO LTD-FDD: DL 150Mbps（MAX） UL 50Mbps（MAX）
TD-SCDMA Character	Support CCSA Release 3 TD-SCDMA DL（MAX） 4.2Mbps UL（MAX）2.2Mbps
Software Specifications	
Software function	**Access mode** ● Router mode, AP mode, Repeater Mode ● 4G mode **Basic setting** ● WAN setting ● LAN setting ● Mac clone ● DNS ● 2.4GWIFI setting ● 2.4G guest network setting ● 2.4G channel setting ● 2.4G signal strength setting ● 2.4G channel optimization **Advance setting** ● Black list setting ● Bonding list ● Children protection list ● Web blacklist ● Modify administrator password ● QoS

	● Static bonding ● Forbidden connection ● Restore to default setting ● Restart router ● Firmware upgrade local/online **More functional** ● Network speed testing ● L2TP client ● PPTP client ● UPNP ● DMZ ● Remote web management ● Port forwarding ● Virtual server