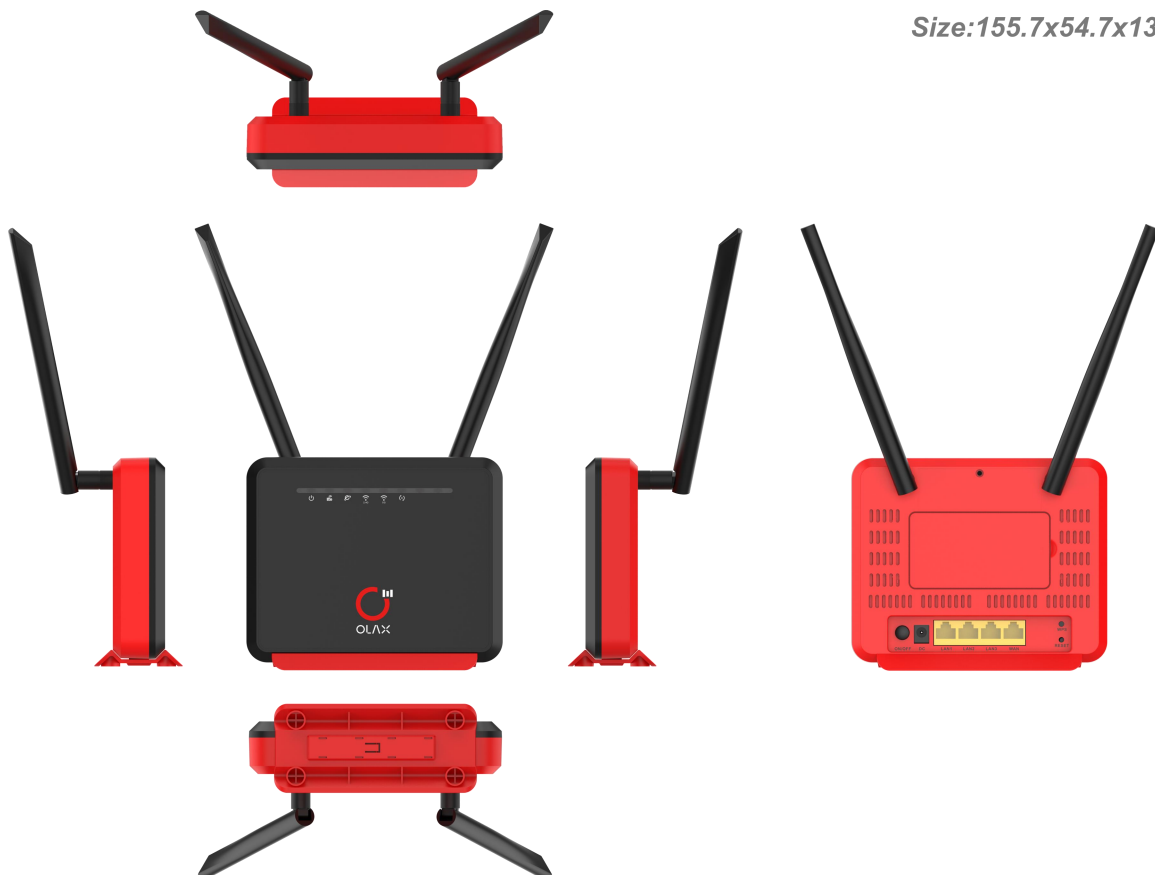




MC60 LTE CPE Product Spec

Shenzhen OLAX Technology Co.,Ltd



Size:155.7x54.7x130.5mm

Product Specifications

Hardware Parameters

Chipset	ZX297520V3E+ZX234220A1+ZX234296+RTL8192ES
CPU frequency	Dual-core : 624MHz CORTEX-A53
Memory	LPDDR2 256Mbit
Flash	1Gbit SPI Nand Flash
WIFI	2T2R 2.4GHz 802.11b/g/n, 300Mbps, 5GHz 802.11 AC 1300 Mbps
LTE	DL 150Mbps; UL 50Mbps
Device Interfaces	1 x SIM Card Slot
	1x RJ45 10M/100M LAN Ethernet interfaces
	1 x reset button
	1 x WPS button
	1 x RJ11 interface(optional)
	1 x Power jack
	1 x USB 2.0
Battery	5000mAh(optional)
WIFI Antenna	2 x 3dBi internal antenna
LTE Antenna	2 x 5dBi external antenna

LTE Support Bands

Support band	FDD:B1/3/5/7/8/20/28ab/38/39/40/41 WCDMA/HSPA+:B1/5/8
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WIFI Features

Standard	802.11b/g/n
	11N: 2.4~2.4835GHz
	Korea、Japan、ETSI、FCC channels can be selected
Modulation schemes	OFDM = BPSK, QPSK, 16-QAM, 64-QAM
	DSSS = DBPSK, DQPSK, CCK
Transfer Rate	HT20: up to 144 Mbps HT40: up to 300 Mbps

Software Features

General	<ul style="list-style-type: none"> ● RFC0791 IP ● RFC0792 ICMP ● RFC0793 TCP ● RFC0826 Ethernet ARP ● RFC0894 IP over Ethernet ● RFC0922 Broadcasting Internet Datagrams ● RFC0950 Internet Standard Subnetting ● IEEE802.3 Ethertype ● IEEE802.1p
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- IEEE 802.11b
- IEEE 802.11g
- IEEE 802.11n
- IEEE 802.11h(dfs)
- IEEE 802.11e(wmm)
- IEEE 802.11k/v/r
- RFC2516 PPP Over Ethernet (PPPoE)
- RFC1662 PPP in HDLC-like Framing
- RFC1332 PPP Internet Protocol Control Protocol
- RFC1042 A standard for the Transmission of IP Datagrams over IEEE 802 Networks
- IPoE (a.k.a IP over Ethernet over AAL5)
- DHCP server、 client
- NAT,NAPT and ALG
- DMZ and Port forwarding(Virtual server)
- Logs and statistics
- TR-069 remote management
- Flexible and secure SPI Firewall
- IP filtering and MAC filtering
- URL filter
- DDNS
- QOS Flow Control
- IPV6
- Static route
- SNTP Date/time update from Internet Time Server
- WEB GUI
- Embedded AP with 1 SSIDs
- Wireless site survey
- Wireless ACL
- WPS
- Separate authentication for each SSID
- Wmf
- AutoChannel
- BSD
- WPA3/SAE Security
- Multiple wan and 802.11q vlan
- Bridge
- Ping Diagnostics and Traceroute Diagnostics/Speed Test
- TR069
- VOLTE/CS
- SIP Proxy(optional)
- Codec: G711& G722& G723 & G729 (optional)
- Fax T.38 &V.17&&V.34&&V.152 (optional)
- VAD (Voice Activity Detection) (optional)
- Silence suppression(optional)
- CNG (Comfort Noise Generation) (optional)
- Supports G.168 (echo cancellation) (optional)
- RFC3261 (optional)
- RFC2833 & inbound(optional)
- RFC4028 (optional)
- RFC3711 (optional)
- RFC3550 (optional)
- RFC3960 (optional)
- RFC5009 (optional)
- RFC 3711 (optional)
- RFC 4568 (optional)
- SMS
- USSD

Environment Requirement	
Operating Temperature	0°C~40°C
Storage Temperature	-20°C ~ 90°C
Operating Humidity	5%~95% (typical)
Power Supply/Power Consumption	12V/1.5A / 10W
EMC/Safety	
Regulation Compliance	CE FCC
Safety Regulations	UL
Green Standard	RoHS