

4G Cat 6 CPE B60

Product Description

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1 Product Overview

The 4G Cat 6 CPE B60 is a Dual-band WIFI Router solution. It can provide a highly LTE 4G Cat 6 speed, meanwhile the router can provide Wi-Fi 5 AC1200 high efficiency throughput.

The supported service functions are as follows:

- Multi-band support
- Wi-Fi: 802.11 b/g/n/a/ac. 2.4GHz Wi-Fi 2x2 MIMO up to 300Mbps, 5GHz Wi-Fi 2x2 MIMO up to 867Mbps. Maximum Users: 64(32+32)
- CPE: 4* Ethernet ports
- Routing mode: NAT enable (Default) / IP pass-through (Optional)
- Customer management via WebUI
- Firmware Over the Air (FOTA)



2 Technical Specifications

2.1 Hardware Specifications

Table 2-1 Technical specifications of the 4G Cat 6 CPE B60

Item	Description		
Technical standard	Standard	3GPP Release 10	
	WAN/LAN	IEEE 802.3/802.3u	
	Wi-Fi	IEEE 802.11b/g/n/a/ac	
Working band/frequency	LTE FDD	B1/B3/B5/B8	
	LTE TDD	B40, Support all CA except 41A-40A	
	Wi-Fi	2.4G(2.4~2.4835GHz) 20/40MHz 5.0G(5.15~5.925GHz) 20/40/80/MHz	
External port	• WAN/LAN*1+ LAN*3 • Optional RJ11*1 port (Optional) • DC Socket		
Antennas	• Built-in Wi-Fi multi-directional high-performance antenna • Built-in and External LTE multi-directional high-performance antennas		
LED Indicators	• Power LED • Network Signal LEDs • Wi-Fi LED • Ethernet status LED • WAN status LED		
Buttons	• RESET Button • WPS Button		
Maximum Transmit power	LTE	• B1/B3/B5/B8/B40 • Class 3 23 dBm ±2dB	
	Wi-Fi	2.4G	2.4G(2.4~2.4835GHz) -20/40MHz 17 dBm
		5G	5.0G(5.15~5.925GHz)20/40/80/MHz 16 dBm
Power consumption	12 W		

AC/DC power supply	AC (input): 100V-240V 50Hz/60Hz DC (output): 12V/1 A
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Item	Description
Dimensions (Maximum)	190*158*40mm
Weight	About 310 g
Working temperature	-30°C ~ 75°C
Storage temperature	-40°C ~ 85°C
Humidity	5% –95% (non-condensing)

Table 2-2 CA combination

Item	Description
CA Combination	CA_3A-40A (10M,15M, 20M- 15M, 20M) CA_1A-40A (10M,15M - 15M, 20M) CA_8A_40A (5M,10M - 15M, 20M) CA_5A_40A (5M,10M - 15M, 20M) CA_40A-40A (15M, 20M- 15M, 20M) CA_B40C (15M, 20M) Support All CA except 41A-40A

2.2 Software Specifications

Table 2-3 Software specifications

Item	Description
Language	English
	Could be customized
Https/Http	Both
User Login	Support two users with different limitation and display
Network Status	Signal strength
	Network type (4G/3G)
	SIM card status
	Wi-Fi Status
	LAN Status
System Status	Mobile parameters, APN/DHCP/Wi-Fi information, Version/Device information
Internet Settings	Network mode setup, Data switch
APN Setup	APN name PDP(IPV4/IPV6/IPV4V6)
SIM Card	PIN Management
DHCP Setup	Enable/Disable DHCP server Configure DHCP IP Pool Configure DHCP Lease Time
Static Route	Route Setup on WAN/LAN interface
DDNS	Support
Band Lock	Support
PCI Lock	Support(optional)
Cell Lock	Support(optional)
Carrier SIMLock	Support(optional)
VPN	VPN Pass through
Backup/Restore	Restore the settings (Export/Import Configuration) (optional)

2.3 Device Management

Table 2-4 Software specifications

Item	Description
Software Upgrade	Web UI Upgrade
	FOTA Upgrade
TR069	HTTP/HTTPS Upload / Download the ACS specified file Download CPE configuration file Configure & Query parameters Remote upgrade Cycle monitor
Diagnostics	Export current diagnosis results and operation logs

2.4 Packing List

Description	Quantity	Remark
Router Unit	1	Standard
Power Adapter	1	Standard
Ethernet Cable	1	Standard
Quick Start Guide	1	Standard
Warranty card	1	Standard