CP860

LTE Indoor CPE

3GPP Release 12

CAT12

802.11a/b/g/n/ac

VoIP or VoLTE

The CP860 from BTI WIRELESS is a premium indoor LTE CPE, designed for 802.11a/b/g/n/ac dual band Wi-Fi access. The product provides optimized high throughput data and a wide area coverage network for residential, commercial and enterprise users, supporting multiple services. Customers enjoy reliable dual-band Wi-Fi AP functions, broadband access and hot-spot Wi-Fi connections with the CP860.
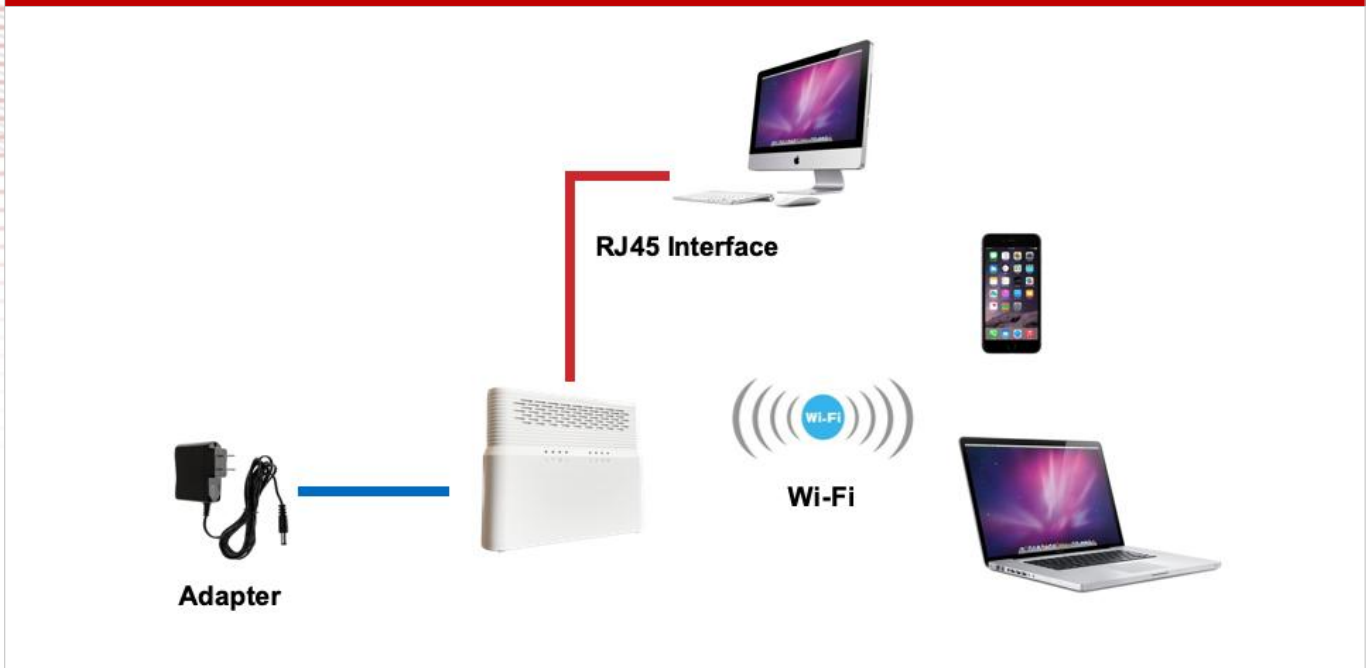
RF SPECIFICATIONS

Support Bands	**Option 1**	LTE: B1/3/7/8/20/38/41/42/43/48	
	Option 2	LTE: B7/38/41	
CA		DL Inter/Intra 2CA/3CA/4CA	
		UL Inter/Intra 2CA	
MIMO		DL 2CA (4 x 4 MIMO 64 QAM)	
		DL 4CA (2 x 2 MIMO 256 QAM)	
		UL 2CA (2 x 2 MIMO 64 QAM)	
Output Power@25ºC/ 77ºF		23 ± 2dBm	
LTE Antenna		4 built-in antennas	
LTE Antenna Gain		700 MHz ~ 1 GHz	3 dBi
		1.5 GHz ~ 2.7 GHz	5 dBi
		3.4 GHz ~ 3.8 GHz	5 dBi
Wi-Fi	**Wi-Fi frequency**	2.4 GHz/ 5GHz	
	Wi-Fi antenna	Built-in high-gain Wi-Fi antenna	
	Wi-Fi output power	19dBm @2.4GHz	
		16dBm @5GHz	
	Wi-Fi channel BW	20 MHz & 40 MHz & 80 MHz	
	Wi-Fi antenna gain	2.4 GHz: 3 dBi	
		5G Hz: 3 dBi	

HARDWARE SPECIFICATIONS

LTE Standard	3GPP Release 12, CAT 12
Flash	2 GB
RAM	2 GB
Ethernet LAN Port	2 Gb RJ45 LAN port 10/100/1000M auto-sensing, auto-MDI/ MDIX
Voice POTS Port	1 RJ11
LED	8 LED indicators (PWR, Wi-Fi, TEL, NET, RF Signal x 4)
SIM	1 USIM/ SIM (3FF)
Reset/Reboot Button	Tact switch
LTE Antenna	4 built-in antennas
Dimensions	204.5 mm x 169 mm x 60 mm | 8.05 in x 6.65 in x 2.36 in
Weight	< 500 g | 1.1 lbs
Power Consumption	< 12W
Power Supply	AC 100 ~ 240V DC 12V 2A

ENVIRONMENT SPECIFICATIONS

Temperature	Operating	-10 ℃ ~ 55 ℃ | 14 °F ~ 113 °F
	Storage	-40 ℃ ~ 85 ℃ | -40 °F ~ 185 °F
Humidity	Operating	5 ~ 95%
	Storage	5 ~ 95%

TOPOLOGY

SOFTWARE SPECIFICATIONS

Peak Throughput	TDD DL 560 Mbps UL 30 Mbps
	FDD DL 800 Mbps UL 150 Mbps
Operation Mode	NAT mode
	Route Mode
	Bridge Mode
Device Management	TR069
	SNMP
	WebUI
	Software Upgrade - FOTA
Network Protocols and Features	Multi-APN
	NAT/NATP
	SNTP/NITZ
	Static Routing
	Virtual server and DMZ

	DNS relay and DDNS
	IGMP snooping and IGMP proxy
	DHCP server
	IPV4/IPv6 Dual Stack
	UPnP
	Parents control
VPN	IPsec
	L2TP over IPsec
	GRE over IPsec
	GRE L2/L3
	PPTP
	L2TP V2/V3
Security and Firewall	Firewall
	MAC address filtering
	IP address filtering
	URL filtering
	DDOS
VoIP/ VoLTE Functions	Call waiting
	Call hold/ resume
	Call forward on busy/ no answer
	Call transfer blind transfer/ attended transfer/ early attended transfer
	3-way conferencing
	Caller ID display/ blocking
	DTMF
	FAX/ modem
Wi-Fi Functions	Hide SSID broadcasting
	Encryption: WPA-PSK (TKIP), WPA-PSK (AES), WPA2-PSK (TKIP), WPA2-PSK (AES)
	Maximum users: 64
	AP Isolation
	Guest network

Contact Us

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