WIRELESS

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: FDD 1/3/7/8/(17)/20/(28) TDD 38/(40)/41/42/43/48
	Option 2 (Prototype)	LTE: FDD 2/4/5/8/12/14/17/25/26/66 TDD 38/41/42/43/48
CA		Inter/ Intra 2CA/3CA/4CA
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@25°C/ 77°F		23 ± 2dBm
LTE Antenna		4 built-in antennas
LTE Antenna Gain		700 MHz ~ 1 GHz — 3 dBi
		1.5 GHz ~ 2.7 GHz — 3 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	2.4 GHz: 19dBm @ 11Mbps 5 GHz: 16dBm @ 54Mbps
	Wi-Fi channel BW	20 MHz & 40 MHz & 80 MHz
	Wi-Fi antenna gain	2.4 GHz: 2 dBi 5G Hz: 3 dBi

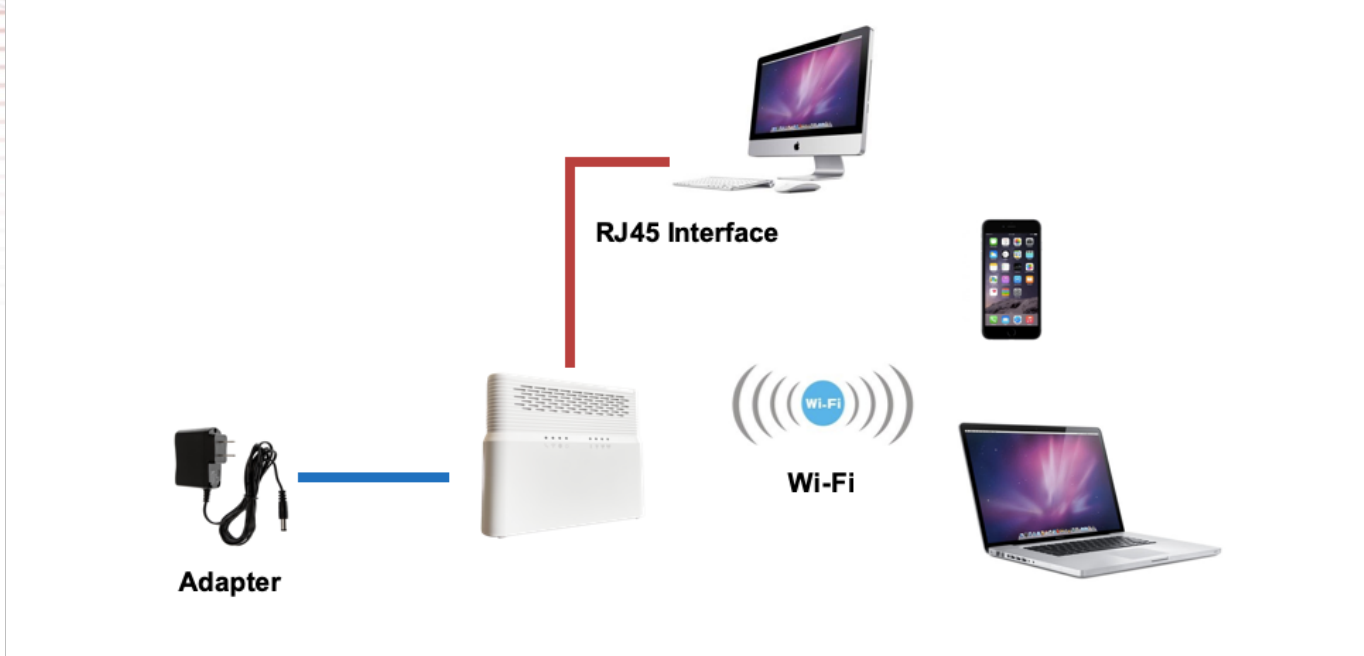*The frequency bands in () are not included in the conventional sample.*

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 (3)
Antenna	8 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
LAN	1000 Mbps
	MDI/ MDIX auto-sensing
	IEEE802.3/ 802.3u/ 802.3ab compatible
Device Management	TR069
	SNMP
	Integrity check
	Version rollback
	Software upgrade HTTP/FTP auto-upgrade
	Port mirror

	Syslog
	Diagnostics
Routing Mode	Route mode
	Bridge mode
	NAT mode
	IPv4/ IPv6 dual stack
VPN	IPsec
	L2TP over IPsec
	GRE over IPsec
	GRE L2/L3
	PPTP
	L2TP V2/V3
Security	Firewall
	MAC address filtering
	IP address filtering
	URL filtering
	UPnP
	Port forwarding
	DMZ
	HTTPS login from WAN
	Redirect ICMP to the host
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	Configuration through Web UI or TR069
	Encryption: Un-encrypted, WEP-OPEN, WEP- SHARED, WPA-PSK (TKIP), WPA-PSK (AES), WPA2-PSK (TKIP), WPA2-PSK (AES)
	Maximum users: 32
	Support SSID broadcasting
	Support multiple SSID
	Self-adaptive and manual channel selection
	Support guest network

APPENDIX-DELIVERS	
Assembled Product	1 PCS
Ethernet Cable	1 M
Power Adapter	1 PCS

Contact Us

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