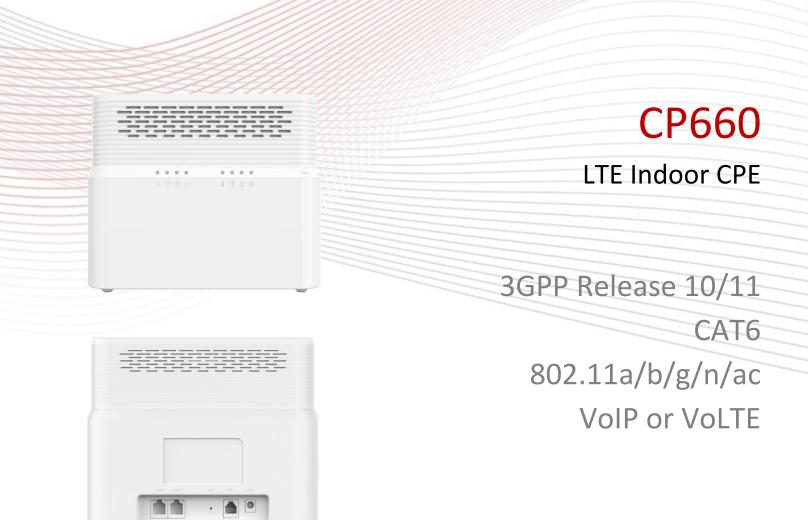


CP660 CPE DATASHEET



The CP660 from BTI WIRELESS is a high-performance indoor LTE CPE, designed for 802.11a/b/g/n/ac dual band Wi-Fi access. The product provides optimized high throughput 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 CP660.



CP660 CPE DATASHEET

RF SPECIFICATIONS		
Supports Bands	Option 1	LTE: B1/3/7/8/20/28/38/40/41/42/43
	Option 2	LTE: B7/38/41
Carrier Aggregation (CA)	Inter/ Intra 2CA	
LTE Antenna	4 built-in antennas	
мімо	CA: Intra- or Inter-band	
	DL 2 CA (2 x 2 MIMO 64 QAM)	
	DL 4 x 4 MIMO 64 QAM	
	UL 64 QAM	
Output Power @ 25°C/ 77°F	23 ± 2dBm	
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 Frequency	2.4 GHz/ 5 GHz	
Wi-Fi Antenna	Built-in high-gain Wi-Fi antennas	(2.4 GHz/ 5 GHz)
Wi-Fi Output Power	2.4 GHz: 19dBm	
	5 GHz: 16dBm	
Wi-Fi Channel BW	20 MHz & 40 MHz & 80 MHz	
	2.4 GHz: 3 dBi	
Wi-Fi Antenna Gain	5 GHz: 3 dBi	

HARDWARE SPECIFICATIONS	
LTE Standard	3GPP Release 10/11, CAT 6
Flash	2 GB
RAM	2 GB
Ethernet LAN Port	2 gigabit RJ45 LAN port 10/100/1000M auto-sensing, auto-MDI/ MDIX
Voice Port (Optional)	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
Antennas	4 built-in antennas
Dimensions	204.5 mm x 169 mm x 60 mm 8.03 in x 6.65 in x 2.36 in
Weight	< 500 g 1.1 lbs.
Power Consumption	< 12W
Power Adapter	AC 100 ~ 240V DC 12V 2A



CP660 CPE DATASHEET

Operating	-10 °C ~ 55 °C 14 °F ~ 131 °F
Storage	-40 °C ~ 85 °C -40 °F ~ 185 °F
Operating	5 ~ 95% (Non-condensing)
Storage	5 ~ 95% (Non-condensing)
	Storage Operating

TOPOLOGY



SOFTWARE SPECIFICATIONS	
Peak Throughput	TDD DL 220 Mbps UL15 Mbps
	FDD DL 300 Mbps UL75 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 IPsec L2TP over IPsec GRE over IPsec GRE L2/L3 PPTP L2TP V2/V3 Firewall MAC address filtering IP address filtering URL filtering DDOS Call waiting Call valting Call valting Call ransfer blind transfer/ attended transfer/ early attended transfer 3-way conferencing Caller ID display/ blocking DTMF FAX/ modem Hide SSID broadcasting Encryption: WPA-PSK (TKIP), WPA-PSK (AES), WPA2-PSK (TKIP),			
Parents controlIPsecL2TP over IPsecGRE over IPsecGRE L2/L3PPTPL2TP V2/V3FirewallMAC address filteringURL filteringDDOSCall waitingCall waitingCall hold/ resumeCall forward on busy/ no answerCall transfer blind transfer/ attended transfer/ early attended transfer3-way conferencingCall transfer blind transfer/ attended transfer/ early attended transfer3-way conferencingCaller ID display/ blockingDTMFFAX/ modemHide SSID broadcastingEncryption: WPA-PSK (AES), WPA2-PSK (TKIP),		IPV4/IPv6 Dual Stack	
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VoIP/ VoLTE FunctionsCall hold/ resumeCall forward on busy/ no answerCall transfer blind transfer/ attended transfer/ early attended transfer3-way conferencingCaller ID display/ blockingDTMFFAX/ modemHide SSID broadcastingEncryption: WPA-PSK (TKIP), WPA-PSK (AES), WPA2-PSK (TKIP),			_
VoIP/ VoLTE FunctionsCall forward on busy/ no answerCall transfer blind transfer/ attended transfer/ early attended transfer3-way conferencingCaller ID display/ blockingDTMFFAX/ modemHide SSID broadcastingEncryption: WPA-PSK (TKIP), WPA-PSK (AES), WPA2-PSK (TKIP),	VoIP/ VoLTE Functions	Call waiting	_
VoIP/ VoLTE Functions Call transfer blind transfer/ attended transfer/ early attended transfer 3-way conferencing Caller ID display/ blocking Caller ID display/ blocking DTMF FAX/ modem Hide SSID broadcasting Encryption: WPA-PSK (TKIP), WPA-PSK (AES), WPA2-PSK (TKIP),		Call hold/ resume	
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DTMF FAX/ modem Hide SSID broadcasting Encryption: WPA-PSK (TKIP), WPA-PSK (AES), WPA2-PSK (TKIP),		3-way conferencing	
FAX/ modem Hide SSID broadcasting Encryption: WPA-PSK (TKIP), WPA-PSK (AES), WPA2-PSK (TKIP),		Caller ID display/ blocking	
Hide SSID broadcasting Encryption: WPA-PSK (TKIP), WPA-PSK (AES), WPA2-PSK (TKIP),		DTMF	
Encryption: WPA-PSK (TKIP), WPA-PSK (AES), WPA2-PSK (TKIP),		FAX/ modem	
	Wi-Fi Functions	Hide SSID broadcasting	
		Encryption: WPA-PSK (TKIP), WPA-PSK (AES), WPA2-PSK (TKIP),	
WYAZ-YOK (AES)		WPA2-PSK (AES)	
Wi-Fi Functions Maximum users: 64		Maximum users: 64	
AP Isolation		AP Isolation	
Guest network		Guest network	

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