CP660

LTE Indoor CPE

3GPP Release 10/11

CAT6

802.11a/b/g/n/ac

VoIP or VoLTE

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.

|  |
| --- |
| **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 |
| **MIMO** | CA: Intra- or Inter-bandDL 2 CA (2 x 2 MIMO 64 QAM)DL 4 x 4 MIMO 64 QAMUL 64 QAM |
| **Output Power** @ 25oC/ 77oF | 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 |
| **Wi-Fi Antenna Gain** | 2.4 GHz: 3 dBi |
| 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 port10/100/1000M 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 ~ 240VDC 12V 2A |

|  |
| --- |
| **ENVIRONMENT SPECIFICATIONS**  |
| **Temperature** | Operating | -10 ℃ ~ 55 ℃ | 14 °F ~ 131 °F |
| Storage | -40 ℃ ~ 85 ℃ | -40 °F ~ 185 °F |
| **Humidity** | Operating | 5 ~ 95% (Non-condensing) |
| Storage | 5 ~ 95% (Non-condensing) |

|  |
| --- |
| **TOPOLOGY** |
|  |

|  |
| --- |
| **SOFTWARE SPECIFICATIONS** |
| **Peak Throughput** | TDD DL 220 Mbps UL15 MbpsFDD 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 |
| **VPN**  | IPsecL2TP over IPsecGRE over IPsecGRE L2/L3PPTPL2TP 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

[www.btiwireless.com](http://www.btiwireless.com)

sales@btiwireless.com