

CP660 CPE DATASHEET



CP660

LTE Indoor CPE

3GPP Release 10/11

CAT6

802.11a/b/g/n/ac

VoIP or VoLTE

The CP660 from SUNWAVE 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.

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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-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	
Wi-Fi Antenna Gain	2.4 GHz: 3 dBi	
	5 GHz: 3 dBi	

HARDWARE SPECIFICATIONS

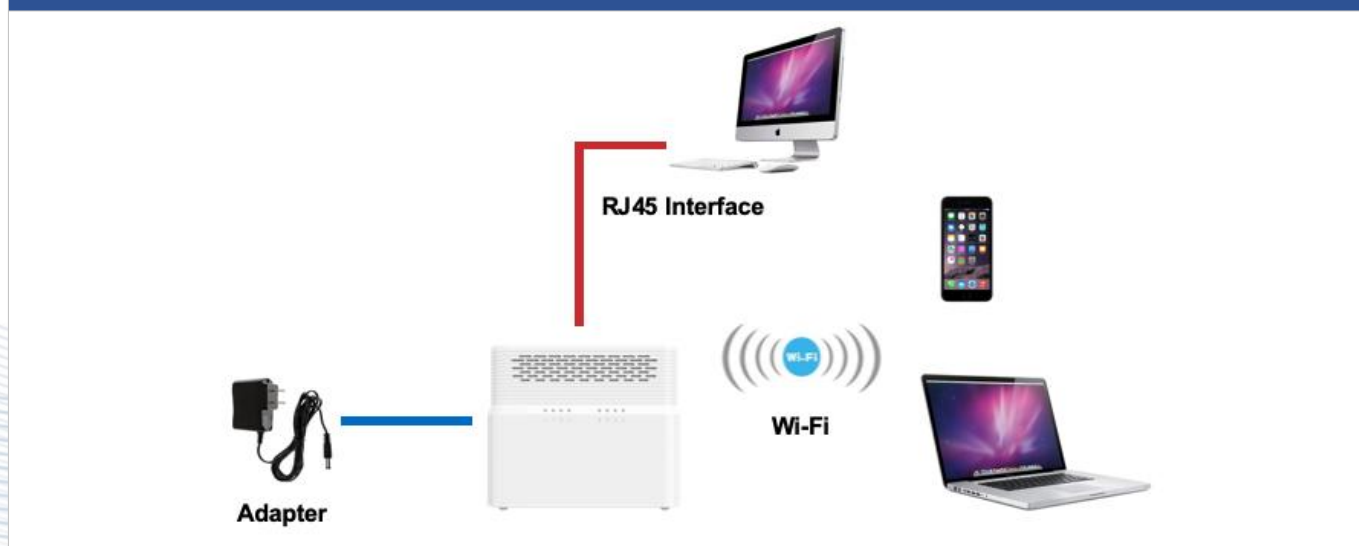
LTE Standard	3GPP Release 10/11, CAT 6
Flash	2 GB
RAM	2 GB
Ethernet LAN Port	2 gigabit RJ45 LAN port 10/100/1000M auto-sensing, auto-MDI/ MDIX
Voice Port (Optional)	1 RJ11
LED	8 LED Indicators (PWR, Wi-Fi, TEL, NET, RF Signal x 4)
SIM	1 USIM/ SIM (3FF)
Reset/Reboot Button	Tact Switch
Antennas	4 built-in 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

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ENVIRONMENT SPECIFICATIONS

Temperature	Operating	-10 °C ~ 55 °C 14 °F ~ 131 °F
	Storage	-40 °C ~ 85 °C -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 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

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	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 Today

en.sunwave.com