




TENSUN INTERNATIONAL CO., LTD.

CP500 5G LTE CPE Specification

Category	Feature & specification	Description	Customer Comments
Basical Information	Model Name	CP500	
	Form Factor	CPE	
	Dimension	107X107X215mm	
	Weight	<500g	
	Color	black	
ID&MD Model			
Air Interface	Technical Standard	Compatible with SA、NAS、FDD-LTE、TDD-LTE、WCDMA 802.11 b/g/n/ac	
	Frequency	NSA: n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n38/n40/n41/n48/n66/n71/ n77/n78/n79 SA: n1/n2/n3/n5/n7/n8/n12/n20/n25/n28/n38/n40/n41/n48/n66/n71/n77/n78/n79 FDD: B1/B2/B3/B4/B5/B7/B8/B12(B17)/B13/B14/B18/B19/B20/B25/B26/B28/B29/B30/B32/B66/B71 TDD: B34/B38/B39/B40/B41/B42/B43/B48 WCDMA: B1/B2/B3/B4/B5/B6/B8/B19	
	WIFI	2.4&5 GHz, WIFI 4T4R, 802.11 a/b/g/n/ac	

Performance	Maximum Data Throughput	SA: DL 2.1 Gbps; UL 450 Mbps NSA: DL 2.5 Gbps; UL 600/650 Mbps LTE: DL 1.0 Gbps; UL 200 Mbps WCDMA: DL 42 Mbps; UL 5.76 Mbps	
	Receive Diversity	Support Receive Diversity	
Hardware	MIMO	Support 4x4MIMO in DL direction, Output Max Power: 21~23dBm, External Antenna 6dBi(optional)	
	BB Chipset	Qualcomm X55 / UNISOC UDX710	
	AP+WIFI Chipset	MT7621DAT+MT7603E+MT7613BEN	
	Memory	RAM:128Mb , ROM:1024Mb	
	power consumption	<15W	
	Power Voltage	DC12V/2A	
	USIM/SIM	2FF SIM card support SIM/USIM/UIM,standard 6 PIN SIM card interface, support 3V SIM card and 1.8V SIM card;internal push-push SIM slot	
	LED	SYS, LTE, SIGNAL, WiFi, WAN,LAN,SIM	
	USB	1 USB 2.0 port support Share	
	Antenna	2 x LTE 2x2 MiMo 2 x WIFI (2.4 + 5G) 4*4 MIMO Output Power 19dBm , Antenna (3dBi)	
	Buttons	POWER, Reset	
	Ethernet	4 LAN ports or 1WAN+3LAN, 10BaseT/100Base/1000Base automatic adaptive port	
	Reset	Pin hole	
ESD	ESD Protection circuit; Contact±4KV、Air±8KV		
Software	SW Update	TR069 & Local Update	
	WIFI Mode	AP Only	
	WIFI Security	64/128 bit WEP,WPA-PSK/WPA2-PSK	
	SMS		
	USB Function	File and printer sharing	
	Voice	Not Support	
	AGPS	Not Support	
	IPv4	Support IPv4	
	IPv6	Support IPv6	
	Firewall	Mac/IP address filter, Port forwarding, WiFi Black/White list ALG: SIP(must)/RSTP(optional) FTP(optional)	
	Data Statistics	Support	

	VPN Pass Through	PPTP/L2TP/IPSec	
	SIM Lock	Support	
	TR069	Support;	
	Fota	Support;	
	SNTP	Support	
	DOS ATTACK	Support	
	DMZ	Support	
	HTTP	Support	
	HTTPS	Support	
Certification	FCC	Depends on customization, cost related	
Environment	Operating Temperature	Normal:-15°C to +55°C;	
	Storage Temperature	-20° C to +85° C	
	Humidity	5%~ 90%	