

# A50S 5G CPE

## Datasheet



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## 1. Overview

A50S is 5G & WIFI6 desktop CPE designed for SME and smart home case, it applied a simple, integrated and fashion design, a dozen antennas are hidden under the housing, appearance is smooth but performance is powerful, it has full 5G features like Gigabits UL & DL bandwidth, Gigabits Ethernet, up to 1800Mbps WIFI6, it could be your access point in SME or home, and a beautiful decoration.



## 2. Feature

### Qualcomm Solution

Qualcomm X55 5G NR + QCA6391 solution

Up to 1800Mbps AX WIFI

## **Fashion Design**

Built-in antenna for 5G & WIFI6

One-piece housing

## **Powerful Performance**

Quad Core CPU

4Gb NAND + 4Gb LPDDR4

## **Designed for SME and Smart Home**

3\*100/1000Mbps Ethernet

Latest 5G & WIFI6 support

### 3. Spec

Spec	Instruction	Remark
Model	A50S	
Network	5G/4G/3G	NA:N2/N5/N12/N25/N41/N48/N66/N71/N78/N258/ N260/N261 LTE:B2/B4/B5/B7/B12/B13/B14/B17/B25/B26/B29/ B30/B66/ B71/B41/B42/B43/B46/B48 WCDMA:B2/B4/B5 EA:N1/N3/N28/N40/N41/N77/N78/N79;N257/N258 LTE:B1/B3/B5/B7/B8/B18/B19/B20/B28/B32/B34/ B38/B39/B40/B41/B42/ WCDMA:B1/B3/B5/B8
Interface	Built-in antenna	5G*6, WIFI*2
	SIM card	4FF SIM
	USB	USB3.0 for debug
	Reset	Reset, Power
	Ethernet	2*10/100/1000Mbps LAN 1*10/100/1000Mbps LAN/WAN
Power supply	Operating Voltage	+12VDC/1.5A
Others	Weight	About 465g
	size	160*72*53mm
	Operating temperature	-10~+45°C
	Storage temperature	-20~+70°C
	Relative humidity	≤95%(no condensing)
Software	UI	WebUI
	WIFI Mode	AP mode(OPEN & WPA2-PSK & WPA-PSK/WPA2-PSK)
	SW Update	Local Update, FOTA
	Voice	CS/VOIP/VoLTE
	SMS	Support
	Firewall	Mac/IP address filter, Port forwarding, WiFi Black/White list
	Data Statistics	Support
	VPN Pass Through	PP2P/L2TP/IPSec
	SNTP	Support
	DMZ	Support
	TR069	Support
	Automatic APN Matching According to USIM	Support

Note: Communication power consumption is affected by network signal strength and module network mode.