

H101C

AC1200 5G CPE



Overview

H101C 5G CPE is a 5G desktop CPE specially designed for SME and smart home cases. It adopts a simple, integrated and fashionable design with 8 built-in antennas. With lying design and square appearance, it can plug and play to provide a high-speed network access point in SME or families.

Highlights



UniSOC Solution

- UniSOC IVY510 platform, UDX710 5G chipset
- Support 3GPP Rel-15 5G NSA&SA Sub-6



Wi-Fi 5

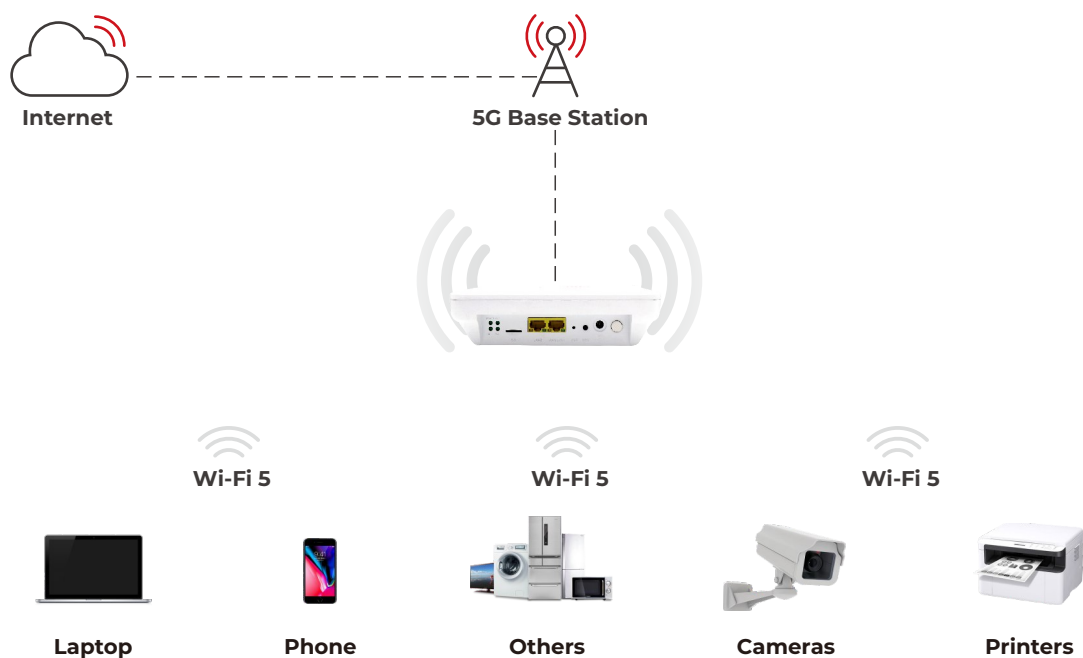
- 2.4G & 5G dual-band WiFi, omnidirectional high-gain Wi-Fi antenna, support up to 64 users



Better Signal

- Up to 8 built-in antennas ensure MIMO concurrent speed
- 3D stereo stacking design antenna ensures minimal interference and optimal reception

Topology diagram



Smart home



SME



Video conference



Network sharing

Features



5G

UniSOC Ivy510 5G module and the downlink speed is up to 1.2Gbps



Wi-Fi 5

2.4G & 5G dual-band WiFi, 2*2 MIMO Wi-Fi antenna for 64 users

Wi-Fi5 AC1200 specification



Appearance

Lying design and square appearance

High efficient ventilation

Wall mounted



Safety & Reliable

Wired/wireless network backup

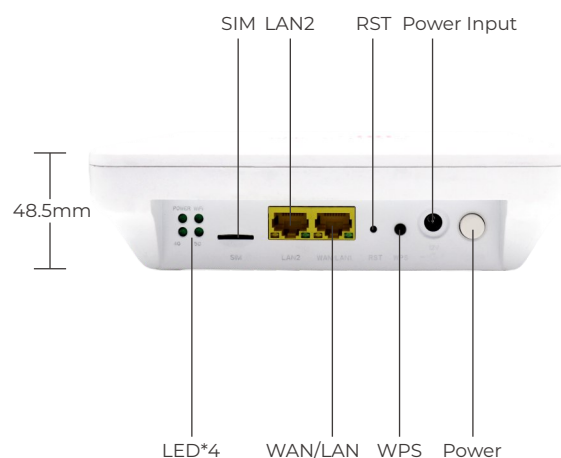
Multiple VPNs, support firewall

Visitor network and SMS-based authentication of portal

Specification

Cellular			
Standard	3GPP Rel-15 NSA/SA	Region	For EMEA and related countries
NR bands	NSA: n41/n78/n79, SA: n1/n28/n41/n77/n78/n79		
LTE category	DL Cat 12/ UL Cat 13	MIMO	DL 4 × 4 MIMO on: n1/n41/n77/n78/n79
LTE-TDD	B34/B38/B39/B40/B41	LTE-FDD	B1/B3/B5/B8
Built-in antenna	4G/5G antenna × 4	WCDMA	B1/B2/B5/B8
Max data rates	5G NSA Sub-6: 2.2 Gbp(DL)/575 Mbps (UL), 5G SA Sub-6: 2Gbps (DL)/ 1Gbps(UL), LTE: 400 Mbps (DL)/150 Mbps (UL)		
Wireless			
Standard	Wi-Fi 5, 802.11 a/b/g/n/ac		
2.4 GHz	2 × 2 MIMO, 300Mbps	5 GHz	2 × 2 MIMO, 866Mbps
Max User	64	Built-in antenna	Wi-Fi antenna × 4 (MU MIMO)
Interface			
LED	Power, Wi-Fi, 4G, 5G	Button	RESET, Power, WPS
SIM	Micro SIM	Ethernet	1 GigE LAN, 1 GigE WAN/LAN
Power Supply			
Power input	Power adaptor, DC socket	Voltage	12V/1.5A
Others			
Weight	Approx. 450g	Size	175 × 175 × 48.5mm
Operating temperature	-10 ~ +45°C	Storage temperature	-40 ~ +70°C
Relative humidity	≤ 95%(no condensing)		

Appearance



Ordering info

Model	5G modem	MIMO	WLAN	RJ45	Region
H101C	5G NR: 3GPP Release 15 NSA/SA operation, Sub-6 GHz 5G NSA & SA: N1/N28/N41/N77/N78/N79 4G LTE-FDD: B1/B3/B5/B7/B8/B18/B19/B20/B28/B32 4G LTE-TDD: B34/B38/B39/B40/B41/B42 3G WCDMA: B1/B2/B5/B8	5G DL 4 × 4 MIMO on: n1/n41/n77/n78/n79 LTE Cat 12 DL 2×2 MIMO on: B1/B2/B3/B5/B7/B8/B20/B28/B34/B38/B39/B40/B41	Wi-Fi 5 2.4GHz & 5GHz	1×10/100/1000bps LAN; 1×10/100/1000/2500Mbps LAN/WAN	China/Korea/Australia

Packing list

 H101C AC1200 5G CPE	 1×Power adapter	 1×Network cable
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