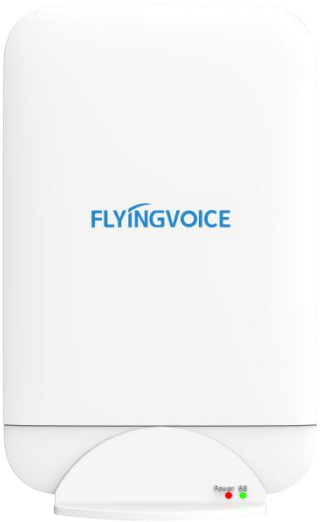
T5300

Sub-6 Full Band 5G Indoor/Outdoor CPE

Flyingvoice T5300, a 5G CPE for indoor/outdoor applications, features a simple and aesthetic design, compliant with IP65 dust-proof & water-proof rating and 4KV lightning protection design, allowing flexible installation on wall, pole, or window. T5300 adopts directional + omni-directional hybrid antenna technology and supports Sub-6 GHz for strong signal penetration and wide coverage. T5300 also integrates a 2.5GE port with PoE, SIM card slot, and USB-C interface for external PC debugging to provide integrated all-in-one functionality. By eliminating the time and cost of laying wired networks such as fiber optics, it provides users with quick and convenient high-speed Internet access.



Key Features

Dual Mode Networking, High-speed 5G Access

Supporting NSA & SA networking, the connection speed is up to 2.5 Gbps, experiencing stable and fast download speeds, lower latency and less congestion, providing users with a high-speed 5G Internet experience.

Omni-directional Antenna, 360° Signal Receiving

With built-in 2 directional and 2 omni-directional 5G full band antennas, the T5300 can receive signals without dead zone, providing network experience with excellent quality .

Sleek Design, Multiple Protection

The T5300 adopts a sleek and durable design, featuring a UV-resistant and weather ability PC shell. With IP65 dust-proof and water-proof rating, 4KV lightning protection, and a -20℃ to +55℃ wide temperature range, the T5300 is suitable for versatile indoor and outdoor use.

Flexible installation, easy deployment

T5300 supports wall, pole, and window mounting installations. With its included metal mounting accessories, it can be securely fixed vertically on indoor and outdoor walls. It can also be mounted on various poles such as wire poles, lamp posts, and broadcast columns. Easy and flexible to install, adapting to multiple application scenarios.

- Omni-directional MIMO antenna
- Nano-SIM and eSIM
- Support 4G/5G Full Band (Sub-6)
- NSA & SA modes
- 2.5 GE LAN port with PoE
- Integrated USB-C interface
- IPv4 & IPv6
- Built with Qualcomm X62
- APN Configuration
- TR069 remote management
- Support Wall, Pole and Window mounting

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T5300 Specifications

Hardware Features	
Ethernet Port	> 1 * 2.5Gbps LAN > PoE Power Supply, IEEE 802.3af
SIM Card Slot	> 1 * Nano-SIM slot > Support eSIM / UICC / ISIM with TEE
USB interface	> 1 * USB3.0 (Type-C) > Support OTG
Antenna	> Antenna - 2 * High-gain directional antenna (1T2R) - 2 * Full frequency omni-directional antenna (1T2R) > Gain：9dBi > Transmit Power：29dBm（PC-1.5） > Receive Sensitivity: -85dBm(100MHz BW), N78 > Half Power Beamwidth: >±60° AZ & EL
5G NR Features	> Sub6, 3GPP Release 16 > 5G/ LTE Chipset: Qualcomm X62 > 5G NR SA & NSA/4G LTE/WCDMA
	> 5G Sub-6 frequency bands (NSA&SA): n1/n2/n3/n5/n7/n8/n12/n13/n14/n18/n20/n25/n26/n28/n29/n30/n38/n40/n41/n48/n66/n70/n71/n75/n76/n77/n78/n79 > Sub-6 Max Bandwidth: 100MHz
4G LTE Features	> Category: DL Cat 19/ UL Cat18 > FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20/B25/B26/B28/B29/B30/B32/B66/B71 > TDD: B34/B38/B39/B40/B41/B42/B43/B46(LAA)/B48
WCDMA	> B1/B2/B4/B5/B8/B19
LED Indicators	> 1 * Power indicator (Red, Green, Green) > 1 * 5G signal indicator (Red, Green, Blue)
Reset Button	> 1 * RST Button
Dimension	> 135mm * 210mm * 40mm（L * H * W）
Net weight	> 545g
Basic	
Protective design	> IP65 Dust-proof and Water-proof > 4KV lightning protection
Operating environment	> Power consumption (PSU): 7~8W > Operation temperature: -20℃ ~ +55℃ > Storage temperature: -40℃ ~ +85℃ > Relative humidity: 10%~90% (No Condensing)

Installation methods	> Desktop, Wall Mount, Pole Mount, Window Mount > Vertical Rotation Angle: ±40° Angle > Horizontal rotation: ±40° angle
Management & Application	
Network Performance	• **NSA** Downlink: Up to 2.4Gbps Uplink: Up to 550 Mbps • **SA** Downlink: Up to 2.4Gbps Uplink: Up to 900 Mbps
	> Support IPv4 / IPv6 / IPv4 & IPv6 > Support NAT, IP Passthrough > Support DHCP / DHCPv6 Server > Support 4G/5G Network Services > Support NSA/SA Networking Modes > Support Data Roaming > Support APN > Support PIN Code, PUK Code Verification > Support PLMN Lock, Cell Lock > Support Static Routing > Support GRE/EoGRE > Support Firewall Filtering Rules
Management Applications	> Network Management Interface: Supports web configuration > Multi-user level management: Administrator, User > Support Firmware upgrade, Restore factory settings, Reboot > Support FOTA > Support Batch Deployment > Support SNMPv2, TR069 > Support FTP/TFTP/HTTP/HTTPS Auto-provision > Support Telnet > Local and Remote Syslog > SNTP Time Synchronization > Support Packet Tracing, PING, Traceroute, Nslookup, TWAMP
Package Content	
Details	> Flyingvoice T5300 > 1 * AC Power adapter, 1 * 48V PoE Adapter, 1 * CAT6 5-meter Network Cable > Metal Bracket Bag, Screw Bag > Quick Installation Guide
Certification	
Certificated by	CE FC

About Flyingvoice

Founded in 2007, Flyingvoice is a high-tech company specialising in VOIP terminal products and 5G FWA products. We have research facilities in Bangkok, Hong Kong and Shenzhen, and manufacturing facilities in Shenzhen, China and Vietnam.

Over the past decade, Flyingvoice has developed three main product lines: IP Phones, POTS Replacement and 5G FWA. Our mission is to provide customers with a one-stop solution for voice and data communications, along with a comprehensive range of POTS replacement solutions.

Flyingvoice products meet rigorous telecom-grade testing standards and are widely used in the carrier market. Flyingvoice's POTS replacement products are widely used by carriers in South Korea and North America. Flyingvoice's IP Phone products are widely used in carrier deployments in South Korea, India and China, while Flyingvoice's 5G FWA products are widely used by carriers in China and India.

At the same time, Flyingvoice is placing significant emphasis on supporting the enterprise integration market. To support its global integrator partners, we have established a comprehensive technical support system. Our network of distributors and integrator partners extends across strategic countries and regions globally.

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