

## T5300

### Sub-6 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 bands 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.



#### Dual Mode Networking, High-speed 5G Access

T5300 Supports NSA & SA networking, and 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.

#### Omnidirectional Antenna, 360° Signal Receiving

T5300 has integrated hybrid directional and omni-directional antennas with a high-gain of up to 9dBi, which greatly improves the coverage of 5G signals, and supports sub-6 bands, which can meet the needs of different countries and regions for 5G bands, allowing users to enjoy high-speed 5G Internet.

#### Sleek Design, Multiple Protection

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 °C to +55 °C 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.



- Hybrid Directional + Omni-Directional Antennas
- Qualcomm SDX62
- Support Nano-SIM card
- Support 4G/5G Bands (Sub-6)
- NSA & SA modes
- 2.5 GE LAN port with PoE
- Integrated Type-C USB Port
- APN Configuration
- TR069, Telnet remote management
- Support Schedule Reboot
- Support Provision
- IP65 Protection Level
- Support Wall, Pole, Window mounting and desktop

Hardware Features	
Ethernet Port	<ul style="list-style-type: none"> <li>&gt; 1 * 2.5Gbps LAN</li> <li>&gt; PoE Power Supply, IEEE 802.3af</li> </ul>
SIM Card Slot	<ul style="list-style-type: none"> <li>&gt; 1 * Nano-SIM slot</li> <li>&gt; Support eSIM / UICC / ISIM with TEE</li> </ul>
USB interface	<ul style="list-style-type: none"> <li>&gt; 1 * USB3.0 (Type-C)</li> <li>&gt; Support OTG</li> </ul>
Antenna	<ul style="list-style-type: none"> <li>&gt; Antenna</li> <li>- 2 * High-gain directional antenna (1T2R)</li> <li>- 2 * Full frequency omni-directional antenna (1T2R)</li> <li>&gt; Gain: 9dBi</li> <li>&gt; Transmit Power: 29dBm (Power Class 1.5)</li> <li>&gt; Receive Sensitivity: -85dBm (100MHz BW)</li> <li>&gt; Half Power Beamwidth: &gt;±60° AZ &amp; EL</li> </ul>
5G NR Features	<ul style="list-style-type: none"> <li>&gt; Sub6, 3GPP Release 16</li> <li>&gt; 5G/ LTE Chipset platform: Qualcomm X62</li> <li>&gt; 5G NR SA &amp; NSA/4G LTE</li> </ul>
	<ul style="list-style-type: none"> <li>&gt; 5G Sub-6 frequency bands (NSA&amp;SA): n2/n5/n25/n30/n41/n48/n66/n71/n77</li> <li>&gt; Sub-6 Max Bandwidth: 100MHz</li> </ul>
4G LTE Features	<ul style="list-style-type: none"> <li>&gt; Category: DL Cat 19/ UL Cat18</li> <li>&gt; FDD: B2/B4/B5/B12/B13/B14/B17/B25/B29/B30/B66/B71</li> <li>&gt; TDD: B41/B48</li> </ul>
LED Indicators	<ul style="list-style-type: none"> <li>&gt; 1 * Power indicator (Red, Green)</li> <li>&gt; 1 * 5G signal indicator (Red, Green, Blue)</li> </ul>
Reset Button	<ul style="list-style-type: none"> <li>&gt; 1 * RST Button</li> </ul>
Dimension	<ul style="list-style-type: none"> <li>&gt; 135mm * 210mm * 40mm (L * H * W)</li> </ul>
Net weight	<ul style="list-style-type: none"> <li>&gt; 499g</li> </ul>
Basic	
Protective design	<ul style="list-style-type: none"> <li>&gt; IP65 Dust-proof and Water-proof</li> <li>&gt; Lightning protection:                             <ul style="list-style-type: none"> <li>- Common mode 6KV</li> <li>- Differential mode 4KV</li> </ul> </li> </ul>
Operating environment	<ul style="list-style-type: none"> <li>&gt; Power consumption (PSU): 7~8W</li> <li>&gt; Operation temperature: -20°C ~ +55°C</li> <li>&gt; Storage temperature: -40°C ~ +85°C</li> <li>&gt; Relative humidity: 10%~90% (No Condensing)</li> </ul>

Installation methods	<ul style="list-style-type: none"> <li>&gt; Desktop, Wall Mount, Pole Mount, Window Mount</li> <li>&gt; Vertical Rotation Angle: <math>\pm 40^\circ</math> Angle</li> </ul>
<b>Management &amp; Application</b>	
Network Performance	<ul style="list-style-type: none"> <li>• NSA Downlink: Up to 2.2Gbps Uplink: Up to 600 Mbps</li> <li>• SA Downlink: Up to 2.2Gbps Uplink: Up to 750 Mbps</li> </ul>
	<ul style="list-style-type: none"> <li>&gt; Support NAT, IP Passthrough</li> <li>&gt; Support DHCP</li> <li>&gt; Support 4G/5G Network Services</li> <li>&gt; Support NSA/SA Networking Modes</li> <li>&gt; Support Data Roaming</li> <li>&gt; Support APN</li> <li>&gt; Support PIN Code Verification</li> <li>&gt; Support PLMN Lock</li> </ul>
Management Applications	<ul style="list-style-type: none"> <li>&gt; Network Management Interface: Supports web configuration</li> <li>&gt; Support Firmware upgrade, Restore factory settings, Reboot and Schedule Reboot</li> <li>&gt; Support Batch Deployment</li> <li>&gt; Support TR069, Telnet</li> <li>&gt; Support FTP/TFTP/HTTP/HTTPS Auto-provision</li> <li>&gt; Local Syslog</li> <li>&gt; SNTP Time Synchronization</li> <li>&gt; Support Packet Tracing, PING, Traceroute, TWAMP Reflector</li> </ul>
<b>Package</b>	
Content	<ul style="list-style-type: none"> <li>&gt; Flyingvoice T5300 CPE</li> <li>&gt; 1 * AC Power adapter, 1 * 48V PoE Adapter, 1 * CAT6 5-meter Network Cable</li> <li>&gt; Metal Bracket Bag, Desktop Stand, Screw Bag, VHB Tape, SIM Card Plugging Tool</li> <li>&gt; Quick Installation Guide</li> </ul>
Details	<ul style="list-style-type: none"> <li>&gt; Qty/CTN: 5PCS</li> <li>&gt; Weight / Box: 1.468Kg</li> <li>&gt; G.W/CTN: 7.81Kg</li> <li>&gt; Giftbox size: 356 * 206 * 116mm (L x H x W)</li> <li>&gt; Carton size: 605 * 370 * 225mm (L x H x W)</li> </ul>
<b>Certification</b>	
Certification	<ul style="list-style-type: none"> <li>&gt; AT&amp;T/PTCRB/FCC/IC/RoHS/WEEE</li> </ul>



## 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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Visit [www.flyingvoice.com](http://www.flyingvoice.com) for product documents and FAQ, or contact Flyingvoice by email at [support@flyingvoice.com](mailto:support@flyingvoice.com). We'll get you the help you need.



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