

T5300 Sub-6GHz 5G Indoor/Outdoor CPE

The T5300 is a versatile, carrier-grade 5G CPE engineered for both indoor and outdoor environments. Combining a sleek, modern aesthetic with industrial-strength durability, the T5300 features an IP65-rated weatherproof enclosure and 4KV lightning protection, ensuring reliable performance in the harshest conditions.

Equipped with a sophisticated hybrid directional/omni-directional antenna array, the T5300 maximizes Sub-6 GHz signal penetration and coverage, even in challenging RF environments. By eliminating the high costs and logistical hurdles of traditional fiber deployments, the T5300 provides a "plug-and-play" path to high-speed gigabit connectivity for businesses and residential users alike.



Dual-Mode Networking and High-Speed 5G Access

The T5300 supports both NSA and SA network architectures, delivering peak throughput of up to 2.5 Gbps. By leveraging advanced 5G capabilities, users experience ultra-fast download speeds, reduced latency, and minimal network congestion.

High-Gain Hybrid Antennas for 360-Degree Coverage

Engineered with an integrated hybrid antenna system—combining both directional and omni-directional technology—the T5300 delivers an impressive high gain of up to 9dBi. This design significantly enhances 5G signal penetration and ensures comprehensive 360-degree reception. With broad support for Sub-6 GHz bands, the T5300 provides reliable, high-speed connectivity across diverse carrier landscapes.

Sleek Industrial Design and Ruggedized Protection

The T5300 features a modern, professional aesthetic paired with an ultra-durable, UV-resistant polycarbonate shell. Built to perform in demanding environments, it boasts an IP65 rating for dust and water resistance, 4KV lightning protection, and a wide operational temperature range of -4°F to 131°F (-20°C to +55°C).

Flexible Mounting and Seamless Deployment

Designed for rapid deployment, the T5300 supports wall, pole, and window mounting options. The included heavy-duty mounting hardware allows for secure installation on vertical surfaces or various structures, such as utility poles and masts. This versatility reduces installation time and costs, making it an ideal solution for a wide range of residential, commercial, and industrial applications.



- Hybrid Directional and Omni-Directional Antennas
- Qualcomm SDX62 Platform
- Support for Nano-SIM Cards
- Support for 4G/5G Bands (Sub-6 GHz)
- NSA and SA Modes
- 2.5 GbE LAN Port With PoE
- Integrated USB Type-C Port
- APN Configuration
- TR-069 and Telnet Remote Management
- Scheduled Reboot Support
- Automated Provisioning Support
- IP65-Rated Environmental Protection
- Versatile Wall, Pole, Window, and Desktop Mounting



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

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