



5G Outdoor CPE

## 5G outdoor cpe

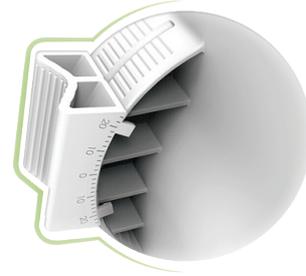
The product is an outdoor 5G terminal of high speed, wide range, low latency and high reliability. The 5G module in the product is based on the UNISOC UDX710 platform, supporting NSA and SA architecture, 5G NR Sub6, FDD-LTE, TDD-LTE, WCDMA and other long-distance communication modes. The 5G standard of the product is 3GPP Release 15. The product adopts the industrial-grade enclosure and waterproof design, protection grade up to IP66, supports flexible pole installation, suitable for all kinds of outdoor 5G access applications, meets internet access need of various industrial, commercial, agricultural, education industry, can be widely used in intelligent factory, health care, autonomous vehicles, agriculture and other kinds of scenarios.

The enclosure is made of polycarbonate plastic with UV inhibitors to provide years of outdoor exposure in direct sunlight without cracking. The enclosure is designed and tested to meet an IP-66 rating as well as vibration, temperature, drop, salt and fog test standards to ensure a high level of reliability unsurpassed in the industry.



### Small Form Factor

A small form factor means smaller packaging, which in turn reduces transportation costs and enables the devices to blend in better with the surroundings. Moreover, the product is designed with a non-metallic IP66 weatherproof exterior, making the device lighter and corrosion-resistant.



### Innovative Mounting

The adjustable mounting bracket is very easy to assemble and install. It consists of two easy-to-connect parts that allow tilting and turning the device up, down, left, and right when installing on a pole. This design includes additional reinforcements and thicker materials to ensure survival in extreme climate conditions.

## All condition design & Round-the-clock service

Entering the 5G era, our product also conforms to the trend of times by supporting the highest rank rate standard, providing more adequate capacity for all kinds of industrial applications. Our pursuit of high performance and quality for industrial products are as always, through specially designed software and hardware, we can always ensure that our products are not only well adapted to more industrial applications, but also to provide round-the-clock uninterrupted high quality service for these applications.

- First-rank 5G data rate
- Hardware watchdog
- Failure detecting - auto reboot
- IP66 waterproof
- VPN client support
- LTE frequency locking
- IPV6 support

### Extreme high speed



1.92Gbps

Our product - 1.92Gbps

Wired - 10-500Mbps



**EXTREME SPEED**  
**Comprehensive**  
**Failure detecting mechanism**  
 Stability and Reliability



### Multi-scenario

Flexible  
 Plug and play  
 Adaptable



# Specifications

## CPU/Memory

Chipset	CPU: MT7621AT, Radio: MT7612 + MT7603
ROM	16M
RAM	128M

## 5G/4G

Standard	3GPP Release 15
Compatibility	5G / 4G / 3G
5G architecture	NSA / SA
Frequency(optional)	CN - WCDMA/HSPA+: Band 1/2/5/8, LTE FDD: Band 1/2/3/5/7/8, LTE TDD: Band 34/38/39/40/41, NR: n1/n281/n41/n78/n79 AE - WCDMA: Band 1/2/5/8, FDD-LTE: Band 1/2/3/5/7/8, TDD-LTE: Band 34/39/40/41, FDD - NR: n1/28, TDD-NR: n41/77/78/79, GNSS: GPS/GLONASS/Galileo/BDS/QZSS EAU6 - 5G Sub-6: n1/3/5/7/8/20/28/38/40/41/75/76/77/78, LTE FDD: B1/3/5/7/8/20/28/32 LTE TDD: B38/40/41/42/43, WCDMA: B1/5/8, 5G NR DL 4*4 MIMO: n1/3/5/7/20/28/38/40/41/75/76/77/78 UL 2*2MIMO: n41/77/78, LTE : DL 4*4 MIMO: B1/3/5/7/20/28/32/38/40/41/42/43
5G rate	3.5Gbps / 900Mbps Max(Region dependent)
4G rate	1600Mbps / 211Mbps Max(Region dependent)

## WLAN

Frequency	2.4Ghz
Type	Management(For installation)

## Antenna

5G/4G	Integrated 5G/4G main/diversity antenna
WiFi	Integrated 2.4 Ghz 3dBi omni

## Interfaces

Wire	1 x 10/100/1000 ETH port, RJ45
Card slot	1 x Nano SIM
LED	1 x Power, 1 x LAN, 1 x Link, 3 x 4G/5G Signal Level
Other	Reset Button x 1

## Software

Operating mode	5G/4G to wired
Services	DHCP Server
Network techniques	VPN(L2TP/PPTP)
Security	IP/MAC binding
Management	Web, TR069
LTE	Link status detecting, Frequency locking, Data usage management, Network priority, IMEI code modifying
Other	Quick installation guide

## Physical

Dimensions	180 mm x 180 mm x 45 mm
Weight	830 g
Mounting	Pole mounting bracket included(Diameter 3 - 7cm), Tilt +/-20°

## Power

Power supply	12V 1A Passive PoE
Power source	100 – 240V AC, 50/60Hz,
Power consumption (max)	24 W

## Environmental

Operating temperature	-30°C ~ +55°C
Humidity	0 ~ 90 % (non-condensing)

## Regulatory

Certification	Other
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## Package contains

CPE	1
PoE	1
Sliding block	1
Other	RJ45 Cable x 1, Metal strap x 1, Screw x 4, Wall plug x 4, QIG x 1, Warranty card x1, Spårnerx

## Frequency band / Price

Frequency band / Price					
CN		AE		EAU6	
WCDMA/HSPA+: Band 1/2/5/8 LTE FDD: Band 1/2/3/5/7/8 LTE TDD: Band 34/ 38/39/40/41 NR: n1/n281/n41/n78/n79		WCDMA: Band 1/2/5/8 FDD-LTE: Band 1/2/3/5/7/8 TDD-LTE: Band 34/39/40/41 FDD-NR:n1/28,TDD-NR:n41/77/78/79 GNSS:GPS/GLONASS/Galileo/BDS/QZSS		5G Sub-6:n1/3/5/7/8/20/28/38/40/41/75/ 76/77/78 LTE FDD: B1/3/5/7/8/20/28/32 LTE TDD: B38/40/41/42/43 WCDMA: B1/5/8 5G NRDL4*4MIMO:n1/3/5/7/20/28/38/4 0/41/75/76/77/78UL2*2MIMO:n41/77/78 LTE:DL4*4MIMO:B1/3/5/7/20/28/32/38/ 40/41/42/43	
Price		Price		Price	

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