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Overview

Related 5G Routers

Model	Speed	Wi-Fi 6	CPU	Support 5G Bands	4G LTE
Huawei 5G CPE Pro H112-372	5G: 1.65Gbps/ 250Mbps 4G : 1.6Gbps/ 150Mbps	N	Balong 5000	5G: n41/ n77/ n78/ n79	LTE: B1/3/5/7/8/18/19/20/28/32/34/38/39/40/41/42/43
Huawei 5G CPE Pro 2 H122-373	5G: 3.6Gbps/ 250Mbps 4G: 1.6Gbps/ 150Mbps	Y	Balong 5000	5G: n1/ 3/ 5/ 7/ 28/ 38/ 40(2300–2390 MHz)/ 41/ 77/ 78/ 79/ 80/ 84	LTE: B1/3/5/7/8/20/28/32/34/38/39/40(2300–2390 MHz)/41/4:
Huawei 5G CPE Win H312-371	5G: 1.65Gbps/ 250Mbps 4G: 1.6Gbps/ 150Mbps	N	Balong 5000	5G: n41/ n77/ n78/ n79	LTE: B1/3/5/7/8/18/19/20/28/32/34/38/39/40/41/42/43
Huawei 5G Mobile WiFi E6878-870	5G: 1.65Gbps/ 250Mbps 4G: 300Mbps/ 75Mbps	N	Balong 5000	5G: n41/ n77/ n78/ n79	LTE FDD: B1, B3, B5, B7, B8, B20, B28, B32 LTE TDD: B34, B38, B39, B40, B41, B42
Huawei 5G Mobile WiFi Pro E6878-370	5G: 1.65Gbps/ 250Mbps 4G: 300Mbps/ 75Mbps	N	Balong 5000	5G: n41/ n77/ n78/ n79	LTE FDD: B1, B3, B5, B7, B8, B20, B28, B32 LTE TDD: B34, B38, B39, B40, B41, B42
ZTE 5G CPE MC801A WiFi 6 Router	5G: 4.6Gbps	Y	Qualcomm Snapdragon X55	5G: n41/78/79/1/28 4G: B1/3/5/8/28/34/39/40	4G LTE™: Global FDD and TDD, 600MHz~3.8GHz, CAT22
OPPO 5G CPE T1	5G: NSA 4.1Gbps/ 660Mbps SA 2.1Gbps/ 900Mbps 4G: 2.0Gbps/ 210Mbps	Y	Qualcomm Snapdragon X55	5G: n1/ n41/ n78/ n79	FDD-LTE: B1/3/5/8/28 TDD-LTE: B34/38/39/40/41
Netgear M5 MR5200 5G Mobile WiFi Router	5G : 4.0Gbps	Y	Qualcomm SDx55	5G: n1, n3, n5, n7, n8, n20, n28, n38, n40, n77 and n78	LTE FDD: 700/800/900/1800/2100/2600 MHz LTE TDD: 2300/2600 MHz
TCL LINKHUB 5G Home Station	5G: 2.83 Gbps/ 300 Mbps	Y	Qualcomm X55 + 8072A	5G: N1/N3/N5/N7/N8/N20/N28/N41/N77/N78/N79	LTE: B2/3/4/5/7/12/13/17/48/25/26/29/30/41/66/71

ZTE MC7010 is an excellent home or office internet set with an external 5G/LTE modem and a router in Mesh technology. ZTE MC7010 NET BOX will work both at home and in the office, in the city and in areas with poor coverage. Easy configuration and management via a web browser will provide you with the convenience of use, and the 5G/LTE antenna with strong signal reception of the cellular network ensures that your internet will work perfectly in all conditions. An additional guarantee of connection reliability is the weatherproof ODU design.

Quick Specs

Table 1 shows the Quick Specs.

Product Code	ZTE 5G CPE Outdoor MC7010
Support Networks	NSA 5G Sub6 + LTE Networks
Chipset	Qualcomm 5G SDX55M platform
CPU (cores)	Cortex A7 up to 1.4GHz
5G download speed	Up to 3.8Gbps, upload speed to 331Mbps
4G LTE	Cat22/20
5G & 4G Networks	5G NR+LTE EN-DC - Sub6G n1/28/n78/79/41 4G FDD: B1/B3/B5/B8/B28; TDD:B34/B39/B40/B41 4G LTE Global FDD and TDD, 600MHz~3.8GHz, CAT22
Bandwidth	mmWave 800MHz, sub6G 200MHz
mmWave	DL/UL 64QAM, sub6G DL/UL 256QAM
MIMO	- mmWave: 2 x 2 MIMO - Sub6G DL: 4 x 4 MIMO - LTE 4 x 4 MIMO on 5CA(4G only)

Product Details

ZTE 5G CPE Outdoor MC7010 provides these features and benefits:



MC 7010

HIGH SPEED 5G
CONNECTING OUTDOORS



DOWNLOAD UP TO 2.8 Gbps
SUPPORT UP TO 128 USERS
5G HIGH SPEED

Speed
Experience super fast 5G speed
Support both Sub 6 & mmW

Wide Coverage
Adopt Global Model
5G Antenna Solution
Expand Mesh Router

Connectivity
Support 2.5Gigabit Ethernet
Easy to install

For Business
High Speed Internet
for outdoor trading

Connectivity

Wi-Fi 6
Supports 5G Networks

General

Dimensions (mm) 172.10 x 77.90 x 7.90
198.00g
White

Ports

2.8 Gigabit Ethernet

Hardware

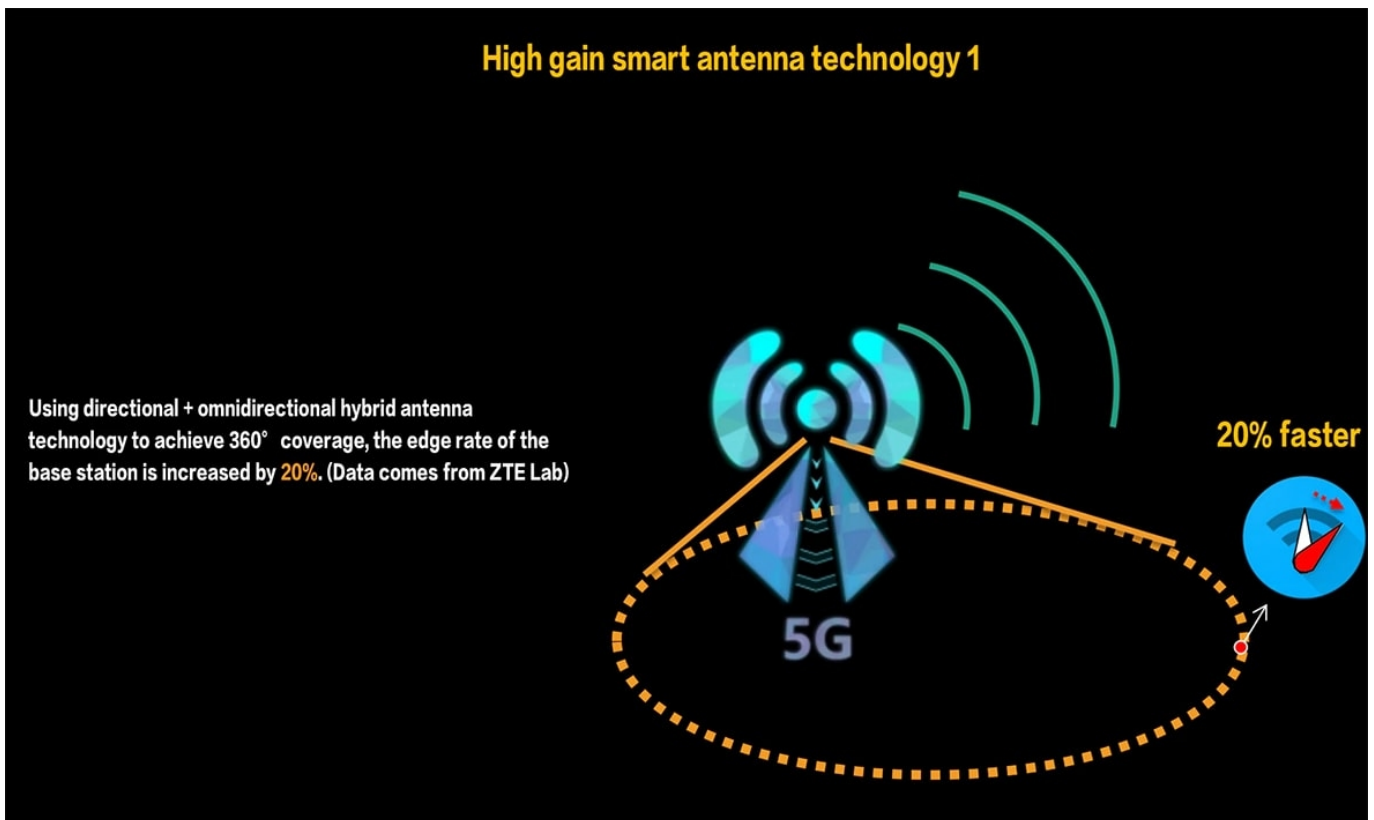
Qualcomm Snapdragon 765G
X50 Platform
LTE+%G EN-DC Downlink rate reaches
2.8Gpbs*

Application scenario



High gain smart antenna technology 1

Using directional + omnidirectional hybrid antenna technology to achieve 360° coverage, the edge rate of the base station is increased by 20%. (*Data comes from ZTE Lab)

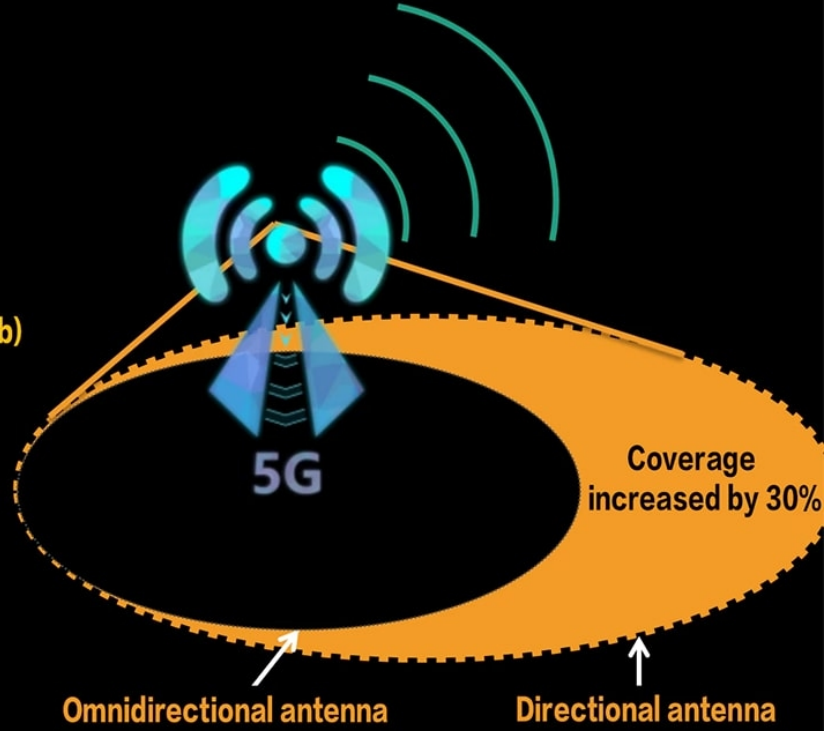


High gain smart antenna technology 2

The antenna gain is up to 9dBi, and the coverage of the base station is increased by 30% (*data from ZTE Lab)

High gain smart antenna technology 2

The antenna gain is up to 9dBi, and the coverage of the base station is increased by 30% (*data from ZTE Lab)



Operation interface

5G 中国电信 CT     

修改登录密码 退出

中文 ▾

English

中文

Modify language


Current Mode: ODU + Partner [Change](#)



Data Usage



SMS



Phonebook



Advanced Settings

Status Information

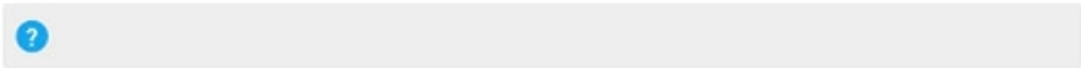
SIM Card Number	8618948747979
IMEI	864155040006592
IMSI	460115057328436
Signal Strength	-73 dBm
Detail Information	>

Advanced Settings 

- Night Mode
- Router**
- Update
- Others

Mode Setting Bridge Mode Router Mode

Apply



ODU IP Address *

Subnet Mask *

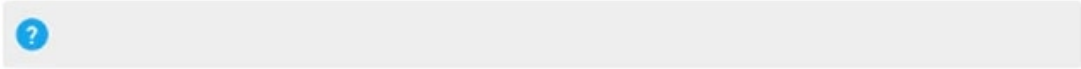
DHCP Server Enable Disable

DHCP IP Pool * -

DHCP Lease Time * hour(s)

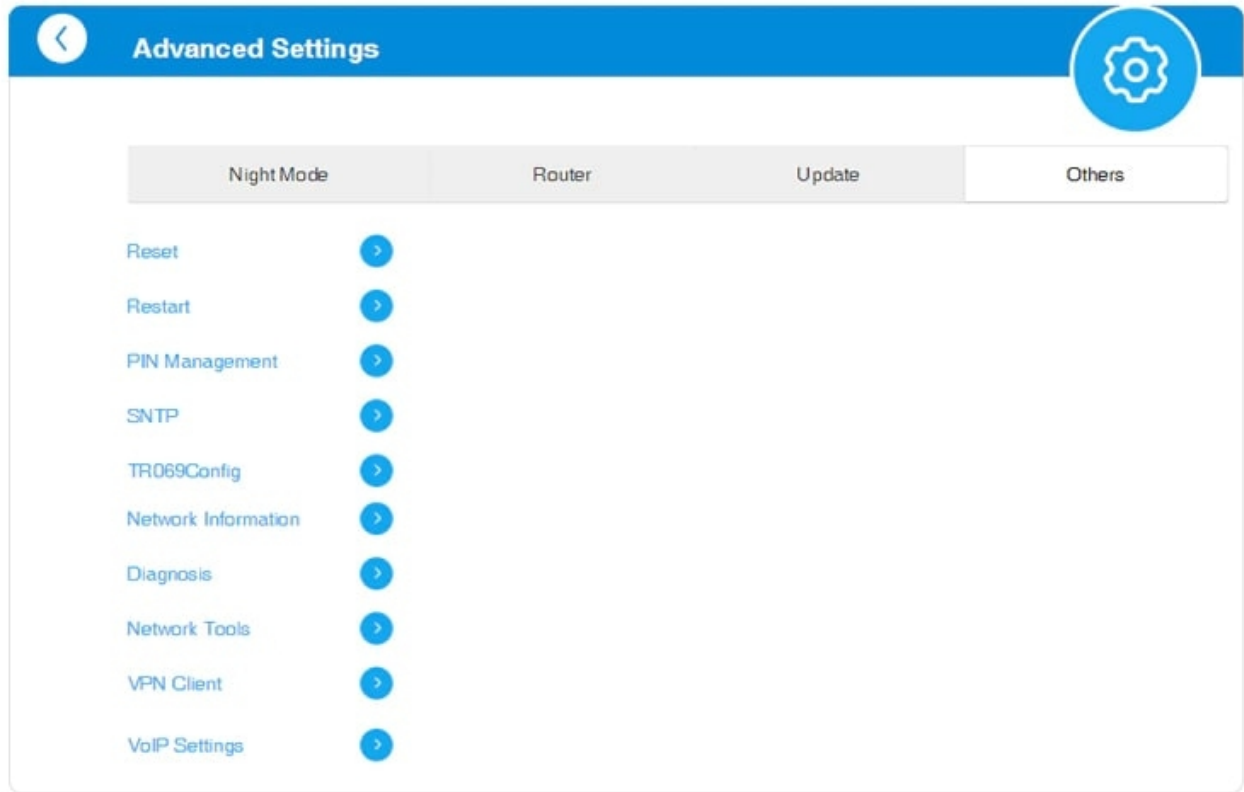
Apply

The setting can only be changed when the modem is disconnected.



MTU *

MSS



Learn More: [5G Devices](#)

Get more information

Do you have any question about the ZTE 5G CPE Outdoor MC7010?
 Contact us now via [Live Chat](#) or sales@router-switch.com

Specification

ZTE 5G CPE Outdoor MC7010 Specification	
Support Networks	NSA 5G Sub6 + LTE Networks
Chipset	Qualcomm 5G SDX55M platform
CPU (cores)	Cortex A7 up to 1.4GHz
5G download speed	Up to 3.8Gbps, upload speed to 331Mbps
4G LTE	Cat22/20
5G & 4G Networks	5G NR+LTE EN-DC - Sub6G n1/28/n78/79/41 4G FDD: B1/B3/B5/B8/B28; TDD:B34/B39/B40/B41 4G LTE Global FDD and TDD, 600MHz~3.8GHz, CAT22
Bandwidth	mmWave 800MHz, sub6G 200MHz
mmWave	DL/UL 64QAM, sub6G DL/UL 256QAM
MIMO	- mmWave: 2 x 2 MIMO - Sub6G DL: 4 x 4 MIMO - LTE 4 x 4 MIMO on 5CA(4G only)
Administration console	Full access from a web browser
Others	- Firewall: Yes - SMS: Yes - Parental Control: Yes - FOTA Updates: Yes - 5G signal diagnostics: Yes
Interfaces	1 x 2.5Gigabit RJ45(Standard POE)
Dimensions	188.0 x 106.6 x 29mm(MC7010 ODU)

Package content

- ZTE MC7010 ODU x 1
- 10m LAN cable x 1
- power supply x 1
- ODU mounts
- manual

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