

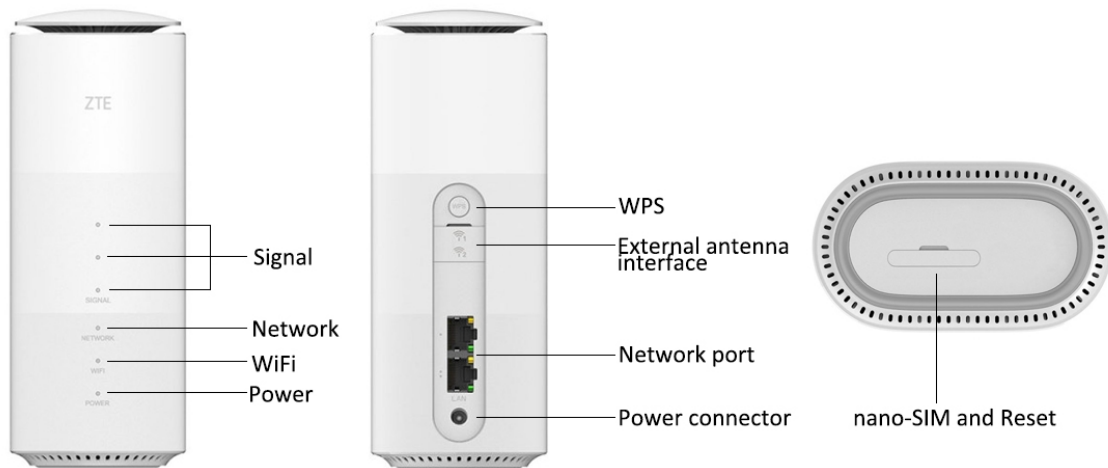
Overview

Related 5G Routers

Model	Speed	Wi-Fi 6	CPU	Support 5G Bands	4G LTE
<a href="#">Huawei 5G CPE Pro H112-372</a>	5G: 1.65Gbps/ 250Mbps 4G : 1.6Gbps/ 150Mbps	N	Balong 5000	5G: n41/ n77/ n78/ n79	LTE: B1/3/5/7/8/18/19/20/28/32/34/38/39/40/41/4:
<a href="#">Huawei 5G CPE Pro 2 H122-373</a>	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
<a href="#">Huawei 5G CPE Win H312-371</a>	5G: 1.65Gbps/ 250Mbps 4G: 1.6Gbps/ 150Mbps	N	Balong 5000	5G: n41/ n77/ n78/ n79	LTE: B1/3/5/7/8/18/19/20/28/32/34/38/39/40/41/4:
<a href="#">Huawei 5G Mobile WiFi E6878-870</a>	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
<a href="#">Huawei 5G Mobile WiFi Pro E6878-370</a>	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,
<a href="#">OPPO 5G CPE T1</a>	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
<a href="#">Netgear M5 MR5200 5G Mobile WiFi Router</a>	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
<a href="#">TCL LINKHUB 5G Home Station</a>	5G: 2.83 Gbps/ 300 Mbps	Y	Qualcomm X55 + 8072A	5G: N1/N3/N5/N7/N8/N20/N28/N41/N77/N78/N79	LTE: B2/3/4/5/7/12/13/17/48/25/26/29/30/41/66/7:

Learn More: [5G Devices](#)

ZTE 5G CPE MC801A WiFi 6 Router, ZTE 5G Router, Qualcomm Snapdragon TM X55 platform, supports SA+NSA network environment, enjoys 5G fast Internet experience, the theoretical downlink peak rate is 4.6Gbps.



Quick Spec

Table 1 shows the Quick Specs.

Product Code	ZTE 5G CPE MC801A WiFi 6 Router
Network	NSA&SA 5G: n41/78/79/1/28. 4G: B1/3/5/8/28/34/39/40
MIMO	5G+LTE: -sub6G DL: 4MIMO -4G DL: 8layers LTE: 4MIMO on 5CA(4G only)
Platform	SDX55+QCA6391
Dimensions	182*124*70mm

Product Details

ZTE 5G CPE MC801A provides these features:

1. Small and exquisite appearance

The unique "Nebula Ring" and streamlined runway design won the German iF Design Award 2019.

2. Enjoy 5G high speed

Qualcomm Snapdragon™ X55 platform, supports SA+NSA network environment, enjoys 5G fast Internet experience, the theoretical downlink peak rate is 4.6Gbps, and supports global mainstream frequency bands.

3. MAX Wi-Fi 6 technology

Wi-Fi 6 technology improves the throughput of each user in a dense user environment, and can support up to 32 Wi-Fi users, enabling 4G mobile phones, Pads and other Wi-Fi terminals to enjoy 5G high-speed services in advance.

#### 4. Worry-free coverage

Adopting global analog 5G antenna solutions, 4 MIMO antennas, more powerful wireless performance; flexible expansion of Mesh routers, enhanced indoor Wi-Fi coverage, and ensured that there are no dead corners in the room.

#### 5. Dual Gigabit Ethernet ports

Dual gigabit network ports, which can flexibly connect various limited devices, and provide stable, high-speed, low-latency 5G network services for industry applications.

#### 6. High gain antenna

- 9 dBi directional antenna, covering a longer distance, and even in remote areas far away from the base station can obtain the ideal network speed.
- The omnidirectional antenna ensures that the CPE can be connected at high speed at different angles.
- Smart ANT smart antenna algorithm allows CPE to independently select a better signal.

#### 7. Heat dissipation design, heat dissipation efficiency increased by 10%

- Vertical chimney air duct, aerodynamic self-accelerating heat dissipation.
- Built-in customized (special design) powerful (high thermal conductivity) radiator.
- The core chip is attached with thermal phase change material to ensure the core unit.

## Specification

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ZTE MC801A Specification	
Network	NSA&SA 5G: n41/78/79/1/28. 4G: B1/3/5/8/28/34/39/40
MIMO	5G+LTE: -sub6G DL: 4MIMO -4G DL: 8layers LTE: 4MIMO on 5CA(4G only)
Broadband (MHz)	200M
Platform	SDX55+QCA6391
Modulation	DL 256QAM, UL 256QAM
LTE+5G EN-DC peak rate	4.6Gbps
Dimensions	182*124*70mm
Wi-Fi	Wi-Fi 6, 2.4G&5G dual band, 2*2 MIMO, 1.775GBbps, 32 users
Antenna	3.5GHz band max gain up to 9dBi (optional)
Interface	Led: power, Wi-Fi, network, signal *3

## Download Resource

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### Support and Resources

 [ZTE 5G CPE MC801A Operation Guide](#)