

# LINKHUB

## 5G Home Station

5G CPE - Much More Than Speed



# TCL HH500E

<b>Chipset</b>	Qualcomm X55 + 8072A
<b>5G Rate</b>	2.83 Gbps/ 300 Mbps
<b>5G Bands</b>	N1/N3/N5/N7/N8/N20/N28/N41/N77/N78/N79
<b>4G Bands</b>	B2/3/4/5/7/12/13/17/48/25/26/29/30/41/66/71
<b>Wi-Fi Speed</b>	AX3600 5GHz: 4T4R-80MHz /2.4GHz:4T4R-40MHz
<b>Clients</b>	1000
<b>Ports</b>	1 * Wan/Lan 2.5GE +1 * Lan GE port
<b>Antenna</b>	Internal& external antennas
<b>Features</b>	APP & WebUI, MESH SMS service, firewall, PIN protection, VPN, IPv6/IPv4 Parental control, 5 GHz preferred etc



## Design

Dimensions: 115φx204mm

Weight: 900g

Button: Reset hole & WPS button, press 3s to factory default

Colors available:

- White
- Black (Business Case Only)

## External interface

2 x RJ45 (1xLAN/WAN 2.5 Gigabit,1xLAN 1 Gigabit)

1 x DC/AC power port (12v, 3A)

1 x 4FF SIM slot

2 x TS9 external antenna (3.5Ghz N78)

## Connectivity

Wi-Fi connections: Up to 1000 wi-fi connections

**Network:** 5G/4G

**5G:** N1/N3/N5/N7/N8/N20/N28/N41/N77/N78/N79

**LTE 4G:** B1/3/5/7/8/20/28/32/34/38/39/40/41/42/43/46

Support CA

**5G DC:** 1+n77, 3+n77, 7+n77, 3+n77, 28+n77, 3+7+n77, 1+7+n77, 1+28+n77,

1+n78, 3+n78, 7+n78, 8+n78, 20+n78, 28+n78, 1+n28, 3+n1A, 3+n28,7+n28, 20+n28

1+3+n78, 1+7+n78, 1+3+n28, 3+20+n78,

1+28+n78, 1+20+n78, 1+3+n7, 3+20+n28,

n28, n78, 3+7+n1, 3+7+20+n78, 3+7+n78,

1+3+7+n78, 1+3+20+n78, 1+3+7+20+n78,

**4G CA:** 1+3, 1+7, 1+8, 1+20,3+7, 3+8, 3+20, 3+3, 7+7, 7+20, 20+32, 38+38, 1+7+20, 3+1+7,

3+7+20, 3+20+32, 3+7+7, 3+3+7, 3+3+8, 3+3+20, 3+46, 7+46, 3+7+46, 3+7+46,

1+3+20+32, 1+3+20, 1+3+7+20,

**CA UL:** B7C,B38C

**5G:** Peak rate 2.83Gbps

**5G DLTE:** cat20 DL 2000Mbps, UL 150Mbps.

Dual band 2.4GHz and 5GHz, 2.4G MiMo 4x4, 5G 4X4 MiMo, up to 3600Mbps

WiFi Standard: 802.11 a/b/g/n/ac/ax

WiFi MIMO 4x4

5G/LTE MIMO 4x4

## Other Features

SSID: Support 2 SSID, 2.4GHz or 5GHz, Automatic switching  
Gateway: TCP/IP,UDP,SNTP, DHCP, MAC filter, IPV4/IPV6(Dual stack), TR069

SIM LOCK : Can be customized

SMS, Statistic, FOTA

Configuration Interface: Web UI, APP

Zigbee 3.0 optional

Bluetooth 5.1 optional

NFC compatible

## Hardware Features

Platform: Qualcomm SDX55+IPQ8072A WIFI6, SA and NSA

Mass storage: 4Gb NAND flash + 4Gb LPDDR4X

IPQ8072 MEMORY :32MB NOR FLASH + 2Gb NAND flash + 4Gb DDR3L

## Certifications

CE

GCF

RoHS

REACH

WEEE

Wi-Fi alliance

## In Box

Quick Guide

PSI

12V/2A charger

