

LINKHUB

5G Home Station

5G CPE - Much More Than Speed



TCL HH500V

Chipset	Qualcomm X55 + 8072A
5G Rate	2.83 Gbps/ 300 Mbps
5G Bands	N1/N3/N5/N7/N8/N20/N28/N41/N77/N78/N79
4G Bands	B2/3/4/5/7/12/13/17/48/25/26/29/30/41/66/71
Wi-Fi Speed	AX3600 5GHz: 4T4R-80MHz /2.4GHz:4T4R-40MHz
Clients	1000
Ports	1 * Wan/Lan 2.5GE +1 * Lan GE port 1 * RJ11
Antenna	Internal& external antennas
Features	APP & WebUI, MESH SMS service, firewall, PIN protection, VPN, IPv6/IPv4 Parental control, 5 GHz preferred etc



Design

Dimensions: 115φx204mm

Weight: Reserved.

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

Colors available: White

Black (Under Business Case)

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)

1 x RJ11

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,

band : 3G: B1/3/5/8

CA UL: B7C,B38C

5G, Peak rate 2.83Gbps

FDD LTE: 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 (Base on customer's requirement)

RoHS

REACH

WEEE

Wi-Fi alliance

In Box

Quick Guide

PSI

12V/2A charger

