

K662c Datasheet

Edge Router (AX3000Mbps Wi-Fi 6 Edge ONT)

Date: 2021-11-11

Product Overview

Huawei OptiXstar K662c is a dual-band edge router that supports Wi-Fi 6, supports ultra-wideband access through Ethernet/Wi-Fi/PON upstream technology, and provides users with gigabit dual-band Wi-Fi 6 and gigabit network ports.

- New generation Wi-Fi 6 wireless technology MU-MIMO
- Support PON uplink, FTTR evolution (cooperate with the main optical modem) VR/4K over Wi-Fi
- 160MHz bandwidth
- Strong anti-interference, wide coverage, self-healing network
- Remote management, installation and maintenance APP management, user APP management



Hardware Specifications

Dimensions length*width* height	35mm×195mm×125mm Without antenna and foot pads	Weight (without adapter)	< 1.0kg
Power supply	12V DC, 1 A	Rated input range	170 ~ 240 V AC, 50/60 Hz
Max consumption	< 12W	Button	Reset button, WPS button
Fiber interface	SC/UPC	Antenna type	Four external antennas 5dBi
Memory	128MB Flash, 256MB RAM	Installation method	Desktop flat / wall-mounted

Work temperature	0°C ~ +40°C	Environment humidity	5%RH ~ 95%RH, Non-condensing
Ports	Network side: GE or PON or WiFi User side: 3GE+2.4GHz&5GHz Wi-Fi 6	Indicator light	4 indicator lights (Power, Internet, Los, WIFI)

Wi-Fi

Supported protocol	IEEE 802.11 ax (2.4GHz&5GHz)	MIMO	2×2 MIMO (2.4GHz&5GHz)
Antenna gain	5dBi	V- interface rate	600 Mbps (2.4GHz) 2400 Mbps (5GHz)
Other	1024-QAM, 160MHz bandwidth, WPA3, DL MU MIMO		

Interface Parameters

PON	GE
<ul style="list-style-type: none"> GPON/EPON US: 1310nm, DS: 1490nm 	<ul style="list-style-type: none"> MAC Address restrictions MAC Address learning 10Mbit/s, 100Mbit/s, 1000Mbit/s

Features

Home network <ul style="list-style-type: none"> Works with ONT, achieve Fiber to the home.No electromagnetic interference, low latency Premium Wi-Fi Gateway solution <ul style="list-style-type: none"> Plug and Play Automatic connection Wi-Fi configure automatic synchronization Wi-Fi channel optimization in home network Wi-Fi seamless roaming within the home network VR/4K over Wi-Fi 802.11k/802.11v Self-healing connection abnormality 	Home network management <ul style="list-style-type: none"> Remote management and maintenance Near-end installation and maintenance assistant APP management User mobile APP management 	Smart interconnection <ul style="list-style-type: none"> Three uplink methods: PON or Wi-Fi or Ethernet uplink Operating mode: <ul style="list-style-type: none"> Routing mode (PON or Ethernet upstream can be directly connected to the cloud management platform) Bridge mode (PON or Wi-Fi or Ethernet online, supports two-level cascading networking)
	L3 characteristics <ul style="list-style-type: none"> PPPoE/Static IP/DHCP NAT/NAPT Port forwarding ALG,UPnP DDNS/DNS server/DNS Client IPv6/IPv4 Static route/default route 	O&M <ul style="list-style-type: none"> Web UI OMCI SPI