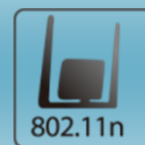# AC 1600

Wireless Dual Band 4G LTE Router
KW6262C

Highlights

- **All in one** – LTE broadband router, VDSL/ADSL Modem Router, Wireless Router, VoIP gateway

- **4G LTE** – Support up to 150Mbps download and 50Mbps upload speed

- **Great Coverage** – 5 external antennas provide stable wireless and LTE connection and large coverage

- **1600Mbps Dual Band Wi-Fi** – Creates simultaneously dual band Wi-Fi, with maximum speed of up to 300Mbps at 2.4GHz and 1300Mbps at 5GHz

- **Multi Ethernet LAN Ports** – 1 Gigabit and 3 Fast LAN ports to extend the LAN to more devices

- **No Configuration** – Simply insert the SIM card into the SIM slot and turn on the router

- **1Gigabit WAN Available** – Allows you connect to any standard cable, fiber, or xDSL modem

Features

4G LTE

4G LTE – Support the latest generation 4G LTE (FDD/TDD) network.

150Mbps/50Mbps – Speeds up to 150Mbps for download and 50Mbps for upload

Speed

Fast Wireless Speed –Combined wireless speeds up to 1.6Gbps and with simultaneous dual band technology at 2.4GHz & 5GHz band avoids interference, ensuring top Wi-Fi speed and reliable connections

Support 802.11ac – Offering 3 times faster data rate than 802.11n in a single stream

Gigabit Ethernet Port – Allow up to 10 x higher speed than Fast Ethernet port

1 RJ 11 VDSL Port – Downstream rates up to 100Mbps and upstream rates up to 50Mbps when work as VDSL Modem Router

Wi-Fi Range

Five external antennas – Five external antennas (2T2R for LTE and 3T3R for 5GHz) to deliver the best LTE and wireless signal, fully expanded coverage

KASDA Wireless Dual Band 4G LTE Router KW6262C

Features

General Applicability

Compatible with Various System – work with all current operating system like Windows 10/8/7/vista/XP, Mac OS, Android, iOS, and network terminal equipment like Desktop, laptop, iPad. Mobile etc

Ease of Use

No Configuration –Simply insert the SIM card into the SIM slot and turn on the router

Fast Encryption – Easily setup a WPA encrypted secure connection at a push of the WPS button

Simple Power Switch – Power ON/OFF button provide convenient power saving

Easy Reset Button – Never worry that you lost the login account

Security

Secured Wi-Fi Encryption – WPA-PSK/WPA2- PSK encryptions provide active defense against security threats for user networks

Guest Network – Create a completely separate Wi-Fi network for your guests' devices, ensuring they do not have access to your home network.

Parental Control – Allows parents to establish restricted access policies for children

Specifications

Hardware

Physical Interface: 1*10/100/1000 Mbps & 3*10/100Mbps LAN port

1*10/100/1000Mbps WAN port

1*DSL RJ11 port

2*FXS port

1*SIM slot

Buttons: ON/OFF, Reset, WPS, WiFi

LED Indicators: Power, DSL, INET, 2.4G, 5G, WPS, LTE, LAN4/3/2/1, WAN, FXS1, FXS2

Antenna: 5 external 3dBi Antennas, 2T2R for LTE (detachable), 3T3R for 5GHz

Power: Input: 100-240V AC, 50Hz; Output: 12V/2A

Memory: 16MB Flash,256MB RAM

Processor: BCM63167+BCM43602+BCM6303+BCM53125+LE9642

Dimension: 9.65*7.17*2.36 in (245*182*60 mm)

Weight: 500g

Wireless

Network Type

4G: FDD-LTE Cat4 (800/900/1800/2100/2600MHz);

4G: TDD-LTE Cat4 (1900/2350/2500/2600MHz);

3G: WCDMA (900/1900/2100MHz)

3G: TD-SCDMA (2010~2025, 1880~1920)

LTE Signal Rate: Up to 150Mbps for downlink

Wireless Standards: IEEE 802.11ac/a 5GHz, IEEE 802.11b/g/n 2.4GHz

Frequency: 2.4GHz, 5GHz

Wireless Speed: Up to 300Mbps for 2.4GHz and up to 1300Mbps for 5GHz, totals up to 1.6Gbps

Transmit Power: <(20dBm)

Wireless Security: 64/128-bit WEP, WPA-PSK/WPA2-PSK/TKIP/AES

Wireless Features: Enable/Disable Wireless Radio, Multi-SSID, WDS, Access Control List, Wireless Statistics

Specifications

Software

Operating Modes: 3G/4G Router, VDSL/ADSL ModemRouter, Wireless Router

WAN Connection Types: DHCP Client/Static IP/PPPoE, PPPoA, IPoA, PPTP/ L2TP/ Bridge

DHCP: Server, Client, DHCP Client List, Address Reservation, DHCP Relay

VoIP Function: Call Waiting/Forwarding/Transferring/Block/Barring, Anonymous Calling /Call Blocking, three-Way Conference, DND (Do Not Disturb)/CNG (Comfort Noise Generation)/DTMF Detection and Generation/Silence Suppression,
SIP (RFC 3261)/SDP (RFC 2327)/RTP (RFC 1889)/RTCP (RFC 1890),
Codec: G.711, G.723.1, G.726, G.729.A, G.722, G.722.2
Echo Cancellation: G.168, Multiple SIP, MWI
VAD (Voice Activity Detection), T.38 Fax Relay

Security Support: Parental Control, PAP/CHAP for PPP mode, NAT for Firewall, SPI Firewall, 2 Level (User/Admin) Authentication to Router, IP and MAC Filtering

Software

Fuction Features: PPP Auto Reconnect and Configurable Timeouts，PPP Auto Reconnect on WAN Access/PPP on Demand，
Static Route, Dynamic RIPv1, RIPv2 support
MTU Adjustment, DNS Relay Agent
Network Address Translation (NAT),
NAT Application Level Gateway for popular applications，
IGMP Snooping v1/2 and IGMP Multicast

Quality of Service: Priority Queuing /Classification Rules /802.1p, WMM

Port Forwarding: Virtual Server, Port Triggering, UPnP, DMZ

VPN Pass-through: IPSec/PPTP/L2TP Pass-through

Dynamic DNS: DynDns, NO-IP

Protocols: Support IPv4 and IPv6

Management Support: FTP /HTTP /Telnet /TR069
Command Line Interface
Diagnostic Test
Firmware Upgrade-able
Supports Remote Access Control

Specifications

Others

Operating System: Windows 10/8/7/vista/XP, Mac OS, Android, iOS

Environment: Operating Temperature:-10°C~55°C (14~131℉)

　　　　Storage Temperature: -30°C~60°C (-22~140℉)

　　　　Operating Humidity: 5%~95% non-condensing

　　　　Storage Humidity: 5%~90% non-condensing

Package Content:: AC1600 Wireless Dual Band 4G LTE Router KW6262C

　　　　Power Adapter;

　　　　RJ11 Cable

　　　　External Splitter

　　　　RJ45 Cable;

　　　　Quick Setup Guide

Diagram

Support Bands

4G	FDD-LTE	BAND 1: 2100MHz UL 1920~1980MHz, DL 2110~2170MHz BAND 3: 1800MHz UL 1710~1785MHz, DL 1805~1880MHz BAND 7: 2600Mhz UL 2500~2570MHz, DL 2620~2690MHz BAND 8: 900MHz UL 880~915MHz, DL 925~960MHz BAND 20: 800MHz UL832~862MHz, DL 791~821MHz	Uplink Speed	50Mbps
			Downlink Speed	150Mbps
	TDD-LTE	BAND 38: 2600MHz Range:2570~2620MHz BAND 39: 1900MHz Range:1880~1920MHz BAND 40: 2350MHz Range:2300~2400MHz BAND 41: 2500MHz Range:2496~2690MHz	Uplink Speed	50Mbps
			Downlink Speed	100Mbps
3G	WCDMA	BAND 1: 2100MHz UL 1920~1980 MHz, DL 2110~2170 MHz BAND 2: 1900MHz UL 1850~1910MHz, DL 1930~1990MHz BAND 8: 900MHz UL 880~915MHz, DL 925~960MHz	Uplink Speed	5.76Mbps
			Downlink speed	21.6Mbps
	TD-SCDMA	BAND 34 : 2010~2025MHz BAND 39 : 1880~1920MHz		

For Other LTE bands, Kasda KW6262C can be customized according to demands, please send us emails!

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