



# AC1200

## Dual-band OpenWRT WiFi Router KW6515

### Highlights

- **High Speed** – 300Mbps on 2.4GHz + 900Mbps on 5GHz totals 1200Mbps Wi-Fi speeds , avoids interference, ensuring top Wi-Fi speed and stable connections
- **Maximum Range** –High power WiFi plus 4 x external 5dBi antennas for super WiFi coverage
- **4 Fast LAN Ports** – 4 Fast LAN ports to extend the LAN to more devices and further distances
- **QoS** – Quality of Service control for traffic prioritization and bandwidth management
- **IPv6 Support** – Satisfy customer's requirement for next generation network
- **Green GUI**–Special Easy setup Wizard design with Smartphone or Laptop via Wireless
- **OpenWRT** – OpenWRT software implant, use the device in a newest way than ever before



# Features



## Speed

**Fast Wireless Speed** –Combined wireless speeds up to 1200Mbps 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



## Wi-Fi Range

**4 External antennas** –High power WiFi plus four External 5dBi antennas (2T2R for 2.4GHz and 2T2R for 5GHz) to deliver the best wireless signal, fully expanded WiFi coverage



## Reliability

**Simultaneous Dual Band** – Reduces interference for more stable connections

**QoS** –Advanced QoS automatically recognizes & prioritizes streaming & gaming applications

# Features



## Ease of Use

**Quick Installation** –Specially designed easy Setup wizard via Smartphone or laptop provides a quick & hassle free installation for all users

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

**Easy ResetButton** – 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 or to the shared USB hard drive with all your personal data

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



## General Applicability

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

# Specifications

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## Hardware

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**Physical Interface:** 4\*10/100 Mbps LAN port & 1\*10/100 Mbps WAN port

**Buttons:** Reset, WPS

**LED Indicators:** Power, WAN, LAN1/2/3/4, 5G WiFi, 2.4G WiFi, WPS

**Antenna:** 4 External 3dBi Antennas

**Power:** Input: 100-240V AC, 50Hz; Output: 12V/1A

**Memory:** 8MB Flash, 64MB RAM

**Processor:** MT7628A+MT7612E

**Dimension:** 7.09\*4.53\*1.02 in (180\*115\*26mm)

## Wireless

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

**Frequency:** 2.4GHz, 5GHz

**Wireless Speed:** Up to 300Mbps for 2.4GHz and up to 900Mbps for 5GHz, totals up to 1200Mbps

**Transmit Power** :< 25dBm

**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

**Guest Network:** 2.4GHz guest network x1, 5GHz guest network x1

## Software

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

**Function 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/DDNS Support, Network Address Translation (NAT), Port Forwarding, DMZ Support, UPnP(Universal Plug and Play) , NAT Application Level Gateway for popular applications , IGMP Snooping v1/2 and IGMP Multicast

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

# Specifications

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## Software

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

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

**Dynamic DNS:** DynDns, NO-IP

**Management Support:** Web Based GUI

FTP /HTTP /Telnet

Command Line Interface

Diagnostic Test

Firmware Upgrade-able

Supports Remote Access Control

## Others

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

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

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

Operating Humidity: 5%~95% non-condensing

Storage Humidity: 5%~90% non-condensing

**Package Content::** AC1200 Wireless Dual Band Router KW6512;

Power Adapter;

RJ45 Cable;

Quick Setup Guide