

AC1600 WiFi Router Residential Gateway



Model: KW6512B

Highlights:

- **11AC 1600Mbps Wi-Fi:** Five integrated antennas to deliver the best wireless signal, connect everything in your home and office in one device
- **High Speed:** Downstream rates up to 100Mbps and upstream rates up to 50Mbps
- **Multi-function USB 2.0 Port:** Printers, files and media can be shared with computer or using the device's FTP server. Users can enjoy added value of adding voicemail functionality to their device with attached USB storage that they can access over the internet.(optional)
- **5 Gigabit Ports Switch:** Extent LAN to more devices and further distance with light speed
- **WPS Button:** Instant connection to wireless network safely
- **TR-069:** Manage settings and updates remotely from any end equipment
- **QoS :** Quality of Service control for traffic prioritization and bandwidth management
- **Simple set up with GUI:** GUI makes installation easier and faster

➤ Specifications

BASIC

Operation Mode:	5 Ports Switch, Wireless Router
WiFi Speed:	11n 2T2R speed up to 300Mbps 11ac 3T3R speed up to 1300Mbps
WiFi Frequency Range:	2.4GHz,5GHz
Standard:	IEEE 802.11b/g/n/ac
WAN Connection Type	DHCP /Static IP/PPPoE, PPPoA, Bridge, IPoA
Wireless Features:	Multi-SSID Access Control List WDS ,WMM, WMMF Hide Access Point Clients Isolation Disable WMM Advertise MAC filter

SOFTWARE

Function Features	Static route, Dynamic RIPv1, RIPv2 support DMZ support NAT Application Level Gateway for popular applications DHCP Server/Relay/client DNS Relay Agent/DDNS support PPP Auto Reconnect on WAN Access/PPP IGMP v.1/v.2 snooping and IGMP Multicast
Security Support:	64/128-bit WEP/WPA-PSK/WPA2-PSK/TKIP/AES Parental control PAP/CHAP for PPP mode NAT for Firewall SPI Firewall 2 Level (User/Admin) Authentication to Router IP and MAC Filtering
Management Support:	Web Based GUI FTP /HTTP/Telnet/TR069 /SNMP v1/2c Command Line Interface Diagnostic Test Firmware upgrade-able Remote Access Control
VPN:	IPSec /PPTP /L2TP pass through
Port Forwarding:	Virtual server, Port Triggering, DMZ, ALG, UPnP
Transmit Power:	<20dBm(EIRP)
Dynamic DNS:	DynDns, TZO
DHCP:	Server, Client, DHCP Client List Address Reservation, DHCP relay
QOS:	Priority Queuing Classification Rules 802.1p

HARDWARE

Physical Interface:	4 *GE LAN,1*Gigabit WAN, 1*USB 2.0
Buttons:	Power /WPS /Reset/Wi-Fi
Power	Input: 100-240V AC,50Hz.2.0A
LED Indicators:	Power,GE,LAN1/2/3/4,2.4G,5G,WLAN, INET,WPS,USB
USB sharing:	Samba(Storage)/FTP Server/Media Server/Printer Server(optional)

OTHERS

Operation System:	Windows 7,8,10,XP, VISTA/Macintosh/Linux
Package Content:	Power Adapter x 1, Installation Manual x 1, RJ45 cable x 1, External splitter x 1
Environment:	Operating Temperature: 0°C~40°C(32~104°F) Storage Temperature: -30°C~60°C(-22~140°F) Operating Humidity: 10%~95% non-condensing Storage Humidity: 5%~90% non-condensing
Warranty	One year
Dimension	9.06*7.09*1.81 in(230*180*46 mm)
Antenna:	5 external antenna,3dBi (default)
Chipsets	BCM63167+BCM43602+BCM50617E
Memory	16MB flash and 256MB RAM

➤ **Package Content:**



➤ **Related products:**



KW6563 VDSL VoIP Gateway

External 2T2R
2 *USB3.0 ports
2 *FXS ports
1 *Gigabit WAN port
4 *Gigabit LAN ports
1600Mbps Wi-Fi Speed



**KW65293 WiFi Gigabit
Ethernet/FTTH Gateway**

Internal 4T4R
1 *USB2.0
1 *GE WAN port
4 *GE LAN ports
1200Mbps Wi-Fi Speed

KW65693 VDSL VoIP Gateway

External 2T2R
1 *USB2.0
2 *FXS ports
1 *GE WAN port
4 *GE LAN ports
1200Mbps Wi-Fi Speed

