


AC1200 WiFi5 Dual Band Router NC65



OVERVIEW:

The NC65 wireless dual band router is 2-in-1 device that combines the functions of a high speed 4-port NAT router and wireless AC access point. It is designed to provide End-users with a one-stop solution to acquiring and sharing high-speed Internet Access over a wired/wireless network. It is equipped with the 802.11AC Wi-Fi technology, Will offer you simultaneous dual band connection with 867Mbps wireless speeds over the 5GHz band and 300Mbps over the 2.4GHz band, Ideal for faster downloading, Online gaming, Internet calling and HD video streaming. All Gigabit port for WAN/LAN, Compared with the FE port, transmission speed increased by 10 times.

KEY FEATURES:

- **Dual-Band Wi-Fi :** Equipped with the wireless 5 technology, For faster speeds, greater capacity, and reduced network congestion.
- **Next-Gen 1200M bps Speeds:** Enjoy smooth streaming, downloading, and gaming all without buffering with Wi-Fi speeds of 1.2 Gbps.
- **Connect More Devices:** MU-MIMO technology communicates more data to more devices using revolutionary OFDMA technology while simultaneously reduced latency.
- **High-Core Processing:** The 1GHz SOC ensures communications between your router and all connected devices are smooth.
- **Extensive Coverage:** Beamforming, And four antennas combine to deliver focused reception to devices far away, Also support Easy mesh R2 stander, 3x Unit can cover 500m² entirelyly.
- **Easy Setup:** Set up your router in minutes with the mobile APP 
- **Backward Compatible:** Supports all previous 802.11 standards and all Wi-Fi devices.



SPECIFICATION:

WIRELESS	
Standards	Wi-Fi 5 IEEE 802.11ac/n 5 GHz IEEE 802.11n/b/g 2.4 GHz
WiFi Speeds	AC1200 5 GHz: 867 Mbps (802.11ac) 2.4 GHz: 300 Mbps (802.11n)
WiFi Range	3 Bedroom Houses 4x Fixed High-Performance Antennas Multiple antennas form a signal-boosting array to cover more directions and large areas Beamforming Concentrates wireless signal strength towards clients to expand WiFi range High-Power FEM Improves transmission power to strengthen signal coverage
WiFi Capacity	Dual-Band Allocate devices to different bands for optimal performance OFDMA Simultaneously communicates with multiple Wi-Fi 5/4 clients Airtime Fairness Improves network efficiency by limiting excessive occupation 4 Streams Connect your devices to more bandwidth



Working Modes	Router Mode, Access Point Mode
HARDWARE	
Processor	1GHz CPU
Main Chipset	RTL8197FH-VG5-CG+RTL8812FR+RTL8367RB-VC
DDR/FLASH	128MB or 64MB/16MB
Interface	1x Gigabit WAN Port /3x Gigabit LAN Ports
Buttons	WPS/Wi-Fi Button, Power On/Off Button, Reset Button
Power	12 V = 1A
SECURITY	
WiFi Encryption	WPA, WPA2, WPA/WPA2-Enterprise (802.1x)
Network Security	SPI Firewall, Access Control, IP & MAC Binding, Application Layer Gateway
Guest Network	2×5 GHz Guest Network /2×2.4 GHz Guest Network
SOFTWARE	
Protocols	IPv4, IPv6
Parental Controls	URL Filtering, Time Controls
WAN Types	Dynamic IP, Static IP, PPPoE, PPTP, L2TP
Quality of Service	QoS by Device
NAT Forwarding	Port Forwarding, Port Triggering, DMZ, UPnP
IPTV	IGMP Proxy, IGMP Snooping, Bridge, Tag VLAN
DHCP	Address Reservation, DHCP Client List, Server
Management	Web based Configuration (HTTP), Remote Management, Telnet Management, Tr069, Tr143, Tr181, Tr098, SNMP, Web Based Firmware Upgrade, CWMP, Diagnostic Tools.
DDNS	NO-IP, DynDNS
PHYSICAL	
Dimensions(W×D×H)	260*260*60mm
Package Contents	1x NC65 1x Power Adapter 1x RJ45 Ethernet Cable Quick Installation Guide
OTHER	
System Requirements	Internet Explorer 11+, Firefox 12.0+, Chrome 20.0+, Safari 4.0+, or other JavaScript-enabled browser Cable Subscription with an internet service provider (for internet access)
Certifications	FCC, CE, RoHS
Environment	Operating Temperature: 0°C~40°C (32°F ~104°F) Storage Temperature: -40°C~70°C (-40°F ~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing
TEST DATA	
WiFi Transmission Power	CE: <20dBm(2.4 GHz) <23dBm(5.15 GHz~5.25 GHz) FCC: <30dBm(2.4 GHz & 5.15 GHz~5.825 GHz)