

# AC 750 | WIRELESS ROUTER



*Next generation WiFi access for your home & business*

**The time to transition is now.** The Comtrend WR-5930 AC750 Wireless Router offers next generation 802.11ac—up to 3x faster than 802.11n technology. The AC750 Wireless Router offers a marked increase in value with farther reach and improved performance. With devices such as mobile phones increasingly adopting 802.11ac, it is expected to completely replace 802.11n as the new industry standard. An 802.11ac wireless router will become a must have for providing the fastest speeds to your devices.

## KEY BENEFITS

### Upgrade Performance in your Home or Office

Dual-band technology offers 2 dedicated networks for less interference.

### Superior Coverage

11ac reaches farther and improves performance compared to 11n.

### Maximize your Internet Experience

11ac is up to 3x faster than 11n technology.

### Fully Compatible with 11n Devices

11ac is backward compatible with older 11a/b/g/n technologies.

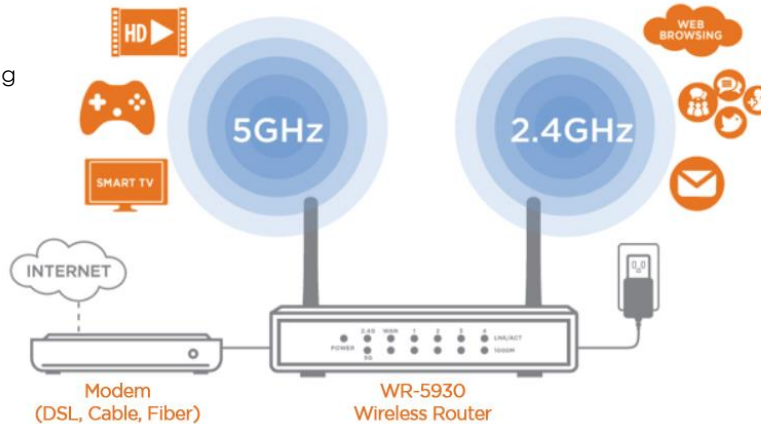
# WR-5930

Simultaneous Dual Band Technology  
Doubles the bandwidth for better performance.

## 5 GHz 433Mbps

### Ideal For...

- Ultra Fast Video Streaming
- Online Gaming
- High Volume File Sharing



## 2.4 GHz 300Mbps

### Ideal For...

- Web Browsing
- Social Connecting
- Emailing

## FEATURES

- AC750 WiFi (300Mbps + 433Mbps)
- Simultaneous dual band (IEEE802.11 b/g/n 2.4GHz & IEEE802.11 ac 5GHz)
- 4 Fast Ethernet LAN ports, 1 Fast Ethernet WAN port
- Supports WPS function for easy wireless association
- Supports 2T2R MIMO technology in 2.4GHz frequency and 1T1R in 5GHz, enhancing the performance and coverage range significantly

## SPECIFICATIONS

### SOC+RF

RTL8881AQ+RTL8192ER

### Flash:

4MB SPI Flash

### RAM:

32 MB DDR2 RAM

### WAN Port:

10/100Mbps (Auto-MDI/MDI-x) UTP Port x 1

### LAN Ports:

10/100Mbps (Auto-MDI/MDI-x) UTP Port x 4

### MIMO Technology:

5GHz: 1T1R, 2.4GHz: 2T2R MIMO

### Output Power:

#### 2.4GHz:

11b(11Mbps): 13±1.5dBm

11g(54Mbps): 13±1.5dBm

11n(20MHz, MCS7): 10±1.5dBm

11n(40MHz, MCS7): 9±1.5dBm

#### 5GHz

11a(54Mbps): 13±1.5dBm

11n(20MHz, MCS7): 13±1.5dBm

11n(40MHz, MCS7): 13±1.5dBm

11n(80MHz, VHTMCS9): 12±1.5dBm

### Receive Sensitivity:

#### 2.4GHz

11b(11Mbps): -83dBm±2dBm

11g(54Mbps): -69dBm±2dBm

11n(20MHz, MCS7): -67dBm±2dBm

11n(40MHz, MCS7): -64dBm±2dBm

#### 5GHz

11a(54Mbps): -69dBm±2dBm

11n(20MHz, MCS23): -68dBm±2dBm

11n(40MHz, MCS23): -64dBm±2dBm

11n(80MHz, VHTMCS9): -55±2dBm

### Dimension:

1.18(H) x 6.18(W) x 5(D) inches excluding antenna

30(H) x 157(W) x 127(D) mm excluding antenna

### Temperature:

Operating: 32~104°F (0~40°C)

Storage: -4~140°F (-20~60°C)

### Humidity:

Operating: 10~90% (Non-Condensing)

Storage: Max.95% (Non-Condensing)

### Certification:

FCC