

AC1200 | WIRELESS ROUTER



Next generation WiFi access for your home and business.

The time to transition is now. The Comtrend WR-5887 AC1200 Wireless Router offers next generation 802.11ac—up to 3x faster than 802.11n technology. The AC1200 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 router will become a must have for providing the fastest speeds to your devices.

KEY BENEFITS

Maximizes your Internet Experience

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

Superior Coverage

11ac with simultaneous dual band technology reaches farther and improves performance compared to 11n.

Ultra Fast Wired Connectivity

Gigabit ports-10x faster than standard ports.

Fully Compatible with 11n Devices

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

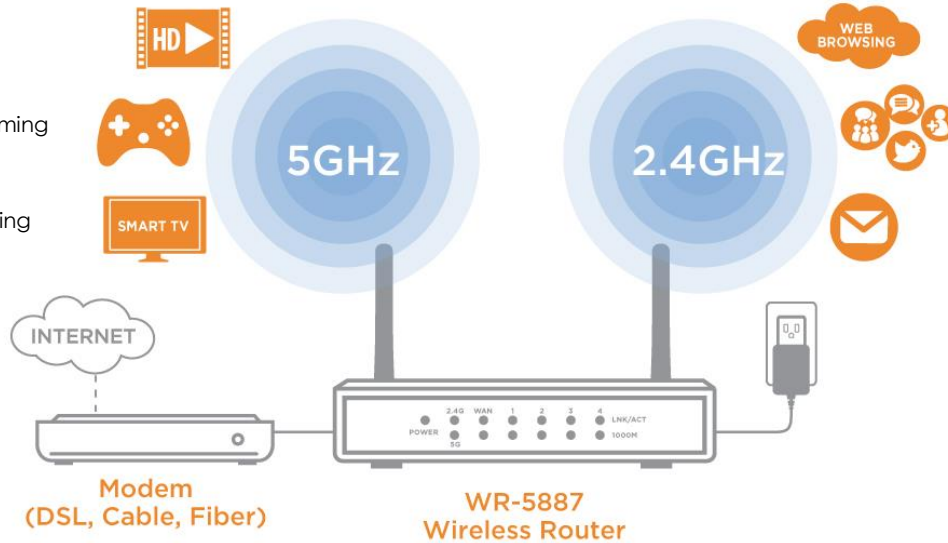
WR-5887

Simultaneous Dual Band Technology
Doubles the bandwidth for better performance.

5 GHz 867Mbps

Ideal For...

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



2.4 GHz 300Mbps

Ideal For...

- Web Browsing
- Social Connecting
- Emailing

FEATURES

- Complies with IEEE 802.11a/b/g/n standards and IEEE 802.11ac draft
- Supports 2.4GHz and 5GHz wireless network connections simultaneously
- Supports 2T2R MIMO technology in 5GHz frequency and 2T2R MIMO technology in 2.4GHz frequency, significantly enhancing the performance and coverage range
- Supports 64/128-bit WEP, WPA and WPA2 for security and also IEEE 802.1x authentication
- High speed transmit and receive PHY rate – up to 867Mbps while operating in IEEE 802.11ac (5GHz, 80MHz) mode and up to 300Mbps while operating in IEEE 802.11a/n (5GHz, 40MHz) or IEEE 802.11b/g/n (2.4GHz) mode
- Supports WPS function for easy wireless association

SPECIFICATIONS

SOC+RF: Realtek RTL8197D (CPU) + RTL8192CE (2.4G) + RTL8812AR (5G)

Gigabit Switch: Realtek RTL8367R-VB

Flash: 4MB SPI Flash

RAM: 64MB DDR2 RAM

WAN Port: 10/100/1000M (Auto-MDI/MDI-X) UTP Port x 1

LAN Ports: 10/100/1000M (Auto-MDI/MDI-X) UTP Port x 4

MIMO Technology: 5GHz: 2T2R MIMO, 2.4GHz: 2T2R MIMO

Antenna: 3dBi Dual Band Fixed Dipole Antenna x 2

Temperature : Operating: 0~40°C, Storage: -20~60°C

Humidity:

Operating: 10~90% (Non-Condensing)

Storage: Max.95% (NonCondensing)

Certification: CE / FCC

Output Power:

2.4GHz

• 11b(11M): 16±1.5 dBm

• 11g(54M): 14±1.5 dBm

• 11n(20MHz, MCS7): 13±1.5 dBm

• 11n(40MHz, MCS7): 13±1.5 dBm

5GHz

• 11a(54M): 12±1.5 dBm

• 11n(20MHz, MCS7): 12±1.5 dBm

• 11n(40MHz, MCS7): 12±1.5 dBm

• 11ac(80MHz, VHTMCS9): 10±1.5 dBm

Receive Sensitivity:

2.4GHz

• 11b(11M): -84±2dBm

• 11g(54M): -70±2dBm

• 11n(20MHz, MCS7):-65±2dBm

• 11n(40MHz, MCS7):-63±2dBm

5GHz

• 11a(54M): -70±2dBm

• 11n(20MHz, MCS7): -68±2dBm

• 11n(40MHz, MCS7): -64±2dBm

• 11ac(80MHz, VHTMCS9): -54±2dBm

Power: 5V / 2A Switch Power Adapter

Dimension: 32(H) x 180(W) x 118(D) mm