



AIR OPTIMUS

11ac Dual Band Wireless Router

Overview

AirOptimus is the latest high-end dual band wireless home router.

With 802.11ac and 2*2 MIMO technology, the AirOptimus takes aggregate Wi-Fi speeds of 1167Mbps. That means it transmits at both the 2.4GHz and 5GHz frequencies at the same time. So no matter which band your wireless devices use, they'll automatically connect to the best available band for the fastest possible performance.

AirOptimus adopts to the enhanced RF technology leading to the top output power of 23dBm with full rate. When it cooperates with internal high gain directional antenna, the wireless transmission distance and real throughput could be immensely boosted. AirOptimus is uniquely designed for super-cooling and its industrial design also makes it much popular among the users.

Features

- The next generation of Wi-Fi, leading 802.11ac standard
- Simultaneous 5GHz 867Mbps and 2.4GHz 300Mbps connections
- Internal 2.4GHz 2*5dBi and 5GHz 2*7dBi omni-antenna
- High power RF output, up to 23dBm



2x2 MIMO



802.11AC



2.4GHz/5GHz



Gigabit



Tx power



Video



Music



Game

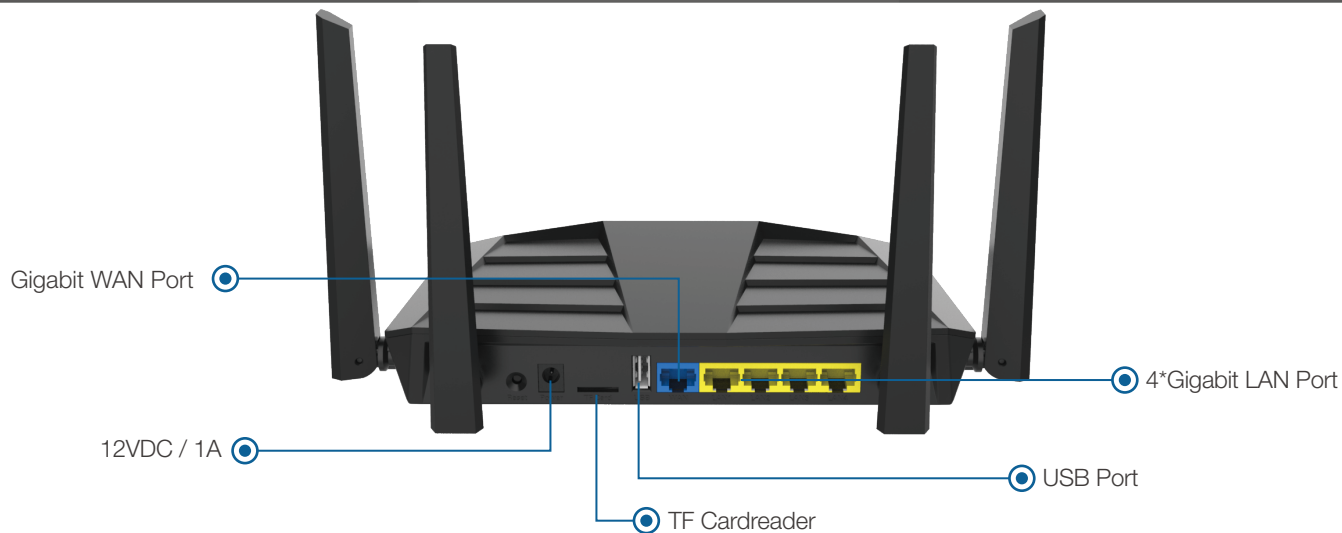
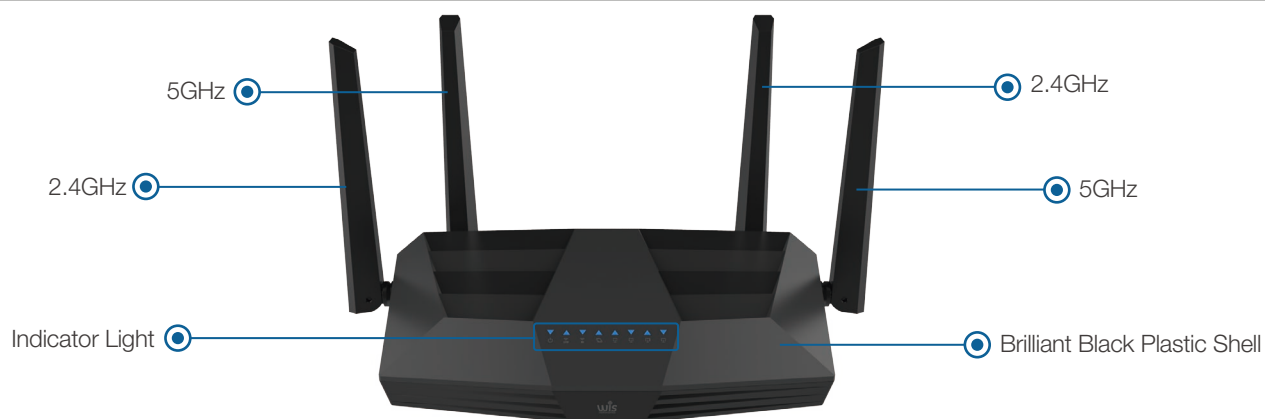


Documents



Pictures

◎ Diagram



◎ Specification

Wireless Features

Wireless Standards	- IEEE 802.11a/n/ac, 5GHz - IEEE 802.11b/g/n, 2,4GHz
Frequency	- 2.4GHz and 5GHz
Speed	- 5GHz: Up to 867Mbps - 2.4GHz:Up to 300Mbps
Tx Power	- < 23dBm
Wireless Bridge /Repeater	- Repeat Signal from other Wi-Fi System
Rx Sensitivity	- 5GHz, 6Mbps: -96dBm, HT20@MCS9: -71dBm, HT40@MCS9: -66dBm, HT80@MCS9: -63dBm - 2.4GHz , 54M: -77dBm, HT20@MCS15: -74dBm, HT40@MCS15: -72dBm
Wireless Security	- WEP, WPA / WPA2, WPA-PSK/ WPA2-PSK encryption

Hardware Features

Interface	- 4*10/100/1000Mbps LAN Ports - 1*10/100/1000Mbps WAN Ports - 1*USB 2.0 Port -1*TFCardreader
LEDs	- Power,2.4GHz, 5GHz, WAN, LAN1, LAN2, LAN3, LAN4
Power	- 12VDC / 1A
Antenna	- Internal 2.4GHz 23dBi and 5GHz 2*7dBi omni-antenna
Dimension	- 260*160*144
Environment	- Operating Temp: 0°C ~ 40°C - Operating Humidity: 10%~90% non-condensing

Software Features

WAN Types	- PPPoE/DHCP/Static
DHCP	- DHCP Server / Client
QoS	- WMM, Bandwidth Control
Access Control	- MAC Address filter
Forwarding	- Port Forward / DMZ / UPnP
USB Sharing	- LAN File Sharing
Parental Control	- MAC / Time / Domain
Management	- Web interface / Smart Phone*Remote management
System Requirement	- Microsoft Windows XP, Vista or Windows 7, Windows 8, MAC OS, UNIX or Linux

Package Content

- Airoptimus 11ac Dual-band Wireless Router
- Ethernet Cable
- Power Supply Unit
- Quick Setup Guide

