

1200Mbps Wireless WiFi Router

802.11a/ac/b/g/n

Model: R712F



KEY FEATURES

- 1200M Wireless Router
- External Directional antenna.
- Provides four RJ45 ports
- Universally complies with IEEE 802.11ac, IEEE 802.11n, IEEE 802.11g and IEEE 802.11b standards.
- WLAN 802.11ac for wireless high-speed access up to 1200Mbps, ideal for video streaming, online gaming and Internet calling.
- Easy Setup Assistant provides quick & hassle free installation.
- User interface supports free WEB software updates.
- Supports remote/local Web management and web upgrade

Specifications

Chipset	MTK7628DAN+7613BEN
Interface	3* 10/100Mbps LAN, 1*10/100Mbps WAN
Wireless Speed	2.4GHz: Up to 300Mbps, 5GHz: Up to 867Mbps
Frequency Range	2.4G & 5G
Wireless Transmit Power	18dBm(MAX EIRP)
Antenna	4* 5dBi External Antennas (Fixed)
Work Mode	Router / AP
Wireless Security	64/128 bits WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)
Temperature Range	Operating: 0°C to 50°C, Storage: -40°C to 70°C
Humidity	Operating: 5% to 95% (non-condensing), Storage: Max. 90% (non-condensing)
Support Operating System	Windows XP/Vista/ Win 7/Win 8 /Win8.1 /Win10 /Linux/Mac OS
Package Dimensions (H x W x D)	43x226x246mm

RF Performance Table for 2.4GHz and 5.8GHz

	Data Rate	TX Power	Tolerance
2.4GHz	1Mbps	18dBm	±2dB
802.11b	11Mbps	18dBm	±2dB
2.4GHz	6Mbps	17dBm	±2dB
802.11g	54Mbps	16dBm	±2dB
2.4GHz	MCS0	15dBm	±2dB
802.11n	MCS7	15dBm	±2dB
20MHz	MCS8	15dBm	±2dB
2.4GHz	MCS0	15dBm	±2dB
802.11n	MCS9	14dBm	±2dB
40MHz			
5.8GHz	6Mbps	18dBm	±2dB
11a	54Mbps	17dBm	±2dB
5.8GHz	MCS0	17dBm	±2dB
11ac	MCS9	16dBm	±2dB
80MHz			

	Data Rate	RX Specifications Sensitivity	Tolerance
2.4GHz	1Mbps	-95dBm	±2dB
802.11b	11Mbps	-90dBm	±2dB
2.4GHz	6Mbps	-92dBm	±2dB
802.11g	54Mbps	-72dBm	±2dB
2.4GHz	MCS0	-92dBm	±2dB
802.11n	MCS7	-72dBm	±2dB
20MHz	MCS8	-70dBm	±2dB
2.4GHz	MCS0	-89dBm	±2dB
802.11n	MCS7	-65dBm	±2dB
40MHz			
5.8GHz	6Mbps	-92dBm	±2dB
11a	54Mbps	-72dBm	±2dB
5.8GHz	MCS0	-87dBm	±2dB
11ac	MCS9	-62dBm	±2dB
80MHz			

Dimensional Drawing

