

AirPro 300Mbps Wireless Router

KEY FEATURES

- Complies with IEEE 802.11n, IEEE 802.11g, IEEE 802.11b standards.
- MIMO 2T2R Technology, MKT7620 N chipset.
- Integrates router, wireless access point, four-port switch and firewall in one.
- 1*10/100M Auto-Negotiation RJ45 WAN port, 4*10/100M Auto-Negotiation RJ45 LAN ports.
- Supports PPPoE, Dynamic IP, and static Ip broadband functions.
- Automatic dialing, On-demand dialing, fixed time dialing, filling most dialing requirements.
- Supports UPnP, DDNS, static routing, VPN Pass-through.
- Supports SSID broadcast control and MAC access control list.
- Supports 64/128-bit WEP, complies with 128 bit WPA standard (TKIP/AES).
- Built-in firewall features IP, MAC, URL filtering which flexibly controls online access and time.
- Built-in DHCP server with automatic dynamic IP address distribution.
- User interface supports free WEB software updates.
- Supports configuration file backup and restore.
- Sleek exterior, can be mounted on a wall or placed horizontally on a table or desk.



PRODUCT SPECIFICATIONS

Hardware Specifications

Item	AIRBGN1122
Standard	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b, CSMA/CA, CSMA/CD, TCP/IP, DHCP, ICMP, NAT, PPPoE
Interface	LAN 4*10/100M Auto MDI/MDIX RJ45 ports.; WAN 1*10/100M Auto MDI/MDIX RJ45 port WPS Reset button
Frequency Band	2.4GHz-2.4835GHz
Data Rate	11n: 300/270/243/216/162/108/81/54/27Mbps 135/121.5/108/81/54/40.5/27/13.5Mbps 130/117/104/78/52/39/26/13Mbps 65/58.5/52/39/26/19.5/13/6.5Mbps
Wireless Transmit power	11g: 54/48/36/24/18/12/9/6M (adaptive) 11b: 11/5.5/2/1M (adaptive) 11b: 20±1 dBm 11g: 16±1 dBm 11n: 15±1 dBm
Transmission Distance	Indoor: upto 100m
Access Protocol	CSMA/CA, CSMA/CD, TCP/IP, ICMP, NAT, PPPoE, DHCP, Wired static, Wi-Fi Client, UDP, DDNS
Security	WEP 64/128bit; MAC based Association; SSID broadcast disable; Wi-Fi Protection Access, WPA, WPA2, Built-in firewall
RF Output Power (Typical)	802.11n: 15dBm for OFDM mode 802.11g: 17dBm for OFDM mode 802.11b: 20dBm for CCK mode

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Item	AIRBGN1122
Receive Sensitivity	11n : -70dBm@10% PER 11g : -70dBm@10% PER 11b: -85dBm@8% PER
Channels:	2412~2462 MHz (US) 11 channels 2412~2472 MHz (EU) 13 channels 2412~2484 MHz (Japan) 14 channels
WLAN Modulation	BPSK, QPSK, CCK and OFDM (BPSK/QPSK/16-QAM/ 64-QAM)
SDRAM	64M
Flash	8M
Antenna	Two un-detachable 5dBi Antenna
LED	POWER, Internet, WLAN, LAN/WAN, External power supply
Operation Temperature	-20°C ~ 50°C ambient temperature
Storage Temperature	-20% ~ 70% ambient temperature
Humidity	10% ~ 90% (Non-condensing)
Power	(Output DC9V, 1A;input 110V/220V)
Support system	Windows® 2000, XP 32/64, Vista 32/64, Linux, MAC, Windows 7
Software Specifications	
Power Adapter	User manual/warranty card



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