



Router/Access Point N  
Compatible with IEEE802.11n and IEEE802.11g/b standards  
4-port 10/100 Mbps. Switch  
Advanced technology

The Evo-W301AR is a combined wired/wireless network connection device integrated with internet-sharing router and 4-port switch. The wireless Lite-N Router is 802.11b/g compatible based on 802.11n technology and gives you 802.11n performance up to 150Mbps at an even more affordable price. Bordering on 11n and surpassing 11g speed enables high bandwidth consuming applications like video streaming to be more fluid. You can enjoy a high quality experience when video streaming, VoIP, or online gaming wirelessly, with traditional g products was never very practical, from anywhere in your entire home. Step into the 11n age with Wireless Lite N!

When working with IEEE802.11n devices, the router provides robust and steady connections even at far distances from the router or existing obstacles in the way where normally 11G products would be weak and unstable. Better still, it's backward compatible with existing 802.11b/g products.

### Easy Setup Assistant

The router comes with a CD with an Easy Setup Assistant that helps you step by step to complete your Internet connection, wireless network settings and security configurations.

### Quick Security Setup

QSS for Quick Security Setup is a handy feature that allows users to almost instantly setup their security simply by pressing the QSS button on the wireless router, it automatically establishes a WPA2 secure connection, instantly protecting your network. The router also features advanced functions, SPI firewall guarding your network preventing external attack, access control management which help parents and network administrator, IP QoS to arrange the bandwidth, etc.

## CARACTERÍSTICAS

Wireless speed up to 150Mbps  
CCATM improves wireless performance while automatically avoiding channel conflict  
WDS wireless bridge provides seamless bridging to expand your wireless network  
Wireless security encryption easily at a push of QSS button  
Priority of service assures the quality of bandwidth sensitive applications such as voice and video  
Supports SPI firewall and access control management  
Supports WPA/WPA2 encryptions  
Seamlessly compatible with 802.11b/g/n devices  
Chipset Atheros

## ESPECIFICACIONES TÉCNICAS

### Estándares y protocolos

IEEE 802.3, IEEE 802.3u, IEEE 802.11b, IEEE 802.11g, IEEE 802.1x, IEEE 802.3x, CSMA/CA, CSMA/CD, TCP/IP, DHCP, ICMP, NAT, PPPoE  
Tecnología radio  
IEEE 802.11g, IEEE 802.11n: Orthogonal Frequency Division Multiplexing(OFDM)  
IEEE 802.11b: Direct Sequence Spread Spectrum(DSSS)

### Radio technology

IEEE 802.11g, IEEE 802.11n: Orthogonal Frequency Division Multiplexing(OFDM)  
IEEE 802.11b: Direct Sequence Spread Spectrum(DSSS)

### Frequency Range

2.4~2.4835GHz

### Extended Frequency:

DSSS

### Modulation Technology

DBPSK, DQPSK, QPSK, CCK and OFDM (BPSK/QPSK/16-QAM/ 64-QAM)

### Data Transmission Rates

11b: 11/5.5/2/1M (Adaptive)  
11g: 54/48/36/24/18/12/9/6M (Adaptive)  
Lite-N:  
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 (Adaptive)

### Channel:

1~11 (US, Canada) 1~13 (Europe) 1~14 (Japan)

### Wireless Transmit Power :

20dBm

### Sensitivity

130M: -68dBm@10% PER; 108M: -68dBm@10% PER; 54M: -68dBm@10% PER;  
11M: -85dBm@8% PER; 6M: 88dBm@10% PER; 1M: -90dBm@8% PER

### Wireless Security

WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)  
64/128/152-bit WEP

### Antenna:

5dBi Detachable Omni Directional Antenna

### Protocol:

TCP/IP

### Interface

LAN : 4 x 10/100Mbps Auto-MDIX Ethernet ports  
WAN : 1 x 10/100Mbps Auto-MDIX Ethernet port

### Net management

Web base configuration utility via Ethernet

### Diagnostic LEDs

Power, System, WLAN, WAN, LAN (1, 2, 3, 4), WPS

### Power Supply Unit:

12VDC, 1A

### Environment

Operating temperature: 0 °C~ 40 °C (32°F~104°F)  
Storage temperature: -40 °C~ 70 °C (-40°F~158°F)  
Humidity: 10% ~ 90%, Non-Condensing

### Dimensions

165 \* 108 \* 28 mm (6.5 \* 4.3 \* 1.1 p.)