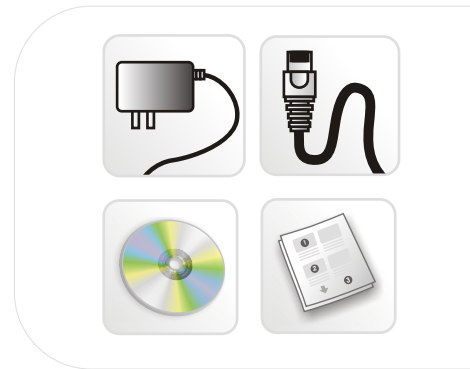


IEEE 802.11n/g/b Wireless Home Entertainment Router AW-NR581

Enjoy wireless N with high-speed internet sharing
and music streaming



11n draft 2.0 enables the high performance

- Supports 802.11n draft 2.0 and compatible with 802.11b/g
- Wireless connection speed up to 5 times faster than 802.11g
- Supports MIMO technologies for excellent performance and less dead spots
- Supports HT40 for high-speed internet sharing

Listen to the music anywhere you like

- Supports wireless audio streaming from PC to Hi-Fi stereo system
- Works with various programs, streamed internet audio, etc.

Easy to set up! Easy to use!

- Web-based browser configuration to easily set up within a few clicks

Enhanced Wi-Fi security

- Advanced security with WEP/WPA/WPA2

The 11n wireless streaming performs best with 802.11n compatible Router or AP



Wireless Audio



WPA
WPA2

4
Port Switch

AD-NR581 Technical Specification

WLAN Standard

- IEEE 802.11b/g/n(draft 2.0), Wi-Fi compliant
- Ethernet: IEEE 802.3, IEEE 802.3u

Frequency Range

- 2.4 GHz ISM radio band

Number of Channels

- 1 ~ 11 channels (North America)
- 1 ~ 13 channels (General Europe)
- 1 ~ 14 channels (Japan)

Output Power

- 802.11n: typical 13dBm (MCS 7)
- 802.11g: typical 15dBm (54Mbps)
- 802.11b: typical 18dBm (11Mbps)

Antenna

- 2* external 2.4GHz antenna for 2(T)*2(R) MIMO Technology

Receive Sensitivity

- 802.11n: typical -71dBm at HT20 MCS7
typical -67dBm at HT40 MCS7
- 802.11g: typical -77dBm at 54Mbps
- 802.11b: typical -86dBm at 11Mbps

Data Rates

- 802.11n:(LGI): 270,243,216,162,135,130,121.5,117,108,104,81,78,
65,58.5,54,52,40.5,39,27,26,19.5,13.5,13,6.5Mbps
(SGI): 300,270,240,180,150,144.4,135,130,120,115.6,90,86.7,
72.2,65,60,57.8,45,43.3,30,28.9,21.1,15,14.4,7.2 Mbps
- 802.11g: 54,48,36,24,18,12,9,6Mbps
- 802.11b: 11,5.5,2,1 Mbps

Security

- WEP 64-bit and 128-bit encryption with H/W TKIP processing
- WPA (Wi-Fi Protected Access), WPA2
- Wireless MAC filtering

About Azurewave Technologies, Inc.

Established in April 2005, AzureWave Technologies Inc. is specialized in wireless communication, digital broadcasting and image processing related products.

For further information about AzureWave, please visit: www.azurewave.com

Specifications are subject to change without notice.

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