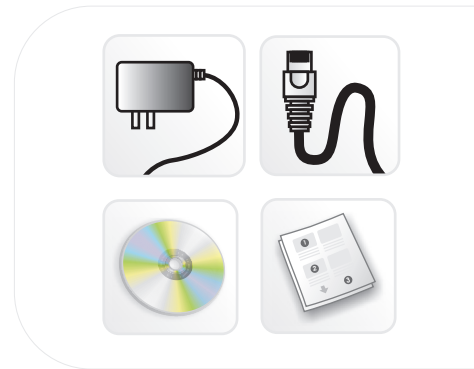


IEEE 802.11 n/g/b Wireless Router with 4 Port Switch AW-NR580

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
- Up to 5 times faster wireless connection speed than 802.11g
- Supports MIMO technologies for excellent performance and less dead spots

Listen to the music anywhere you like

- Supports wireless audio streaming from PC to the router
- Works with various programs, streamed internet audio, etc.

Easy to set up! Easy to use!

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

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-NR580 Technical Specification

WLAN Standard

- IEEE 802.11n/g/b, Wi-Fi compliant
- Ethernet: IEEE 802.3, IEEE 802.3u

Audio Output

- Stereo 48 KHz 16bits

Frequency Range

- 2.4 GHz ISM radio band

Number of Channels

- 802.11b
ETSI : Most European Countries ch1~13 (2412~2472MHz),
France ch10~13 (2457~2472MHz)
Spain ch10~11 (2457~2462MHz)
- 802.11g
ETSI : Most European Countries ch1~13 (2412~2472MHz),
France ch10~13 (2457~2472MHz)
Spain ch10~11 (2457~2462MHz)
- 802.11n HT20(20MHz)
ETSI : Most European Countries ch1~13 (2412~2472MHz),
France ch10~13 (2457~2472MHz)
Spain ch10~11 (2457~2462MHz)
- 802.11n HT40(40MHz)
ETSI : Most European Countries ch1~13 (2412~2472MHz)

Output Power

- 15dBm +/- 2dBm

Antenna

- 3* external 2.4GHz antenna for 3(T)*3(R) MIMO Technology

Receive Sensitivity

- 802.11b: typical -80dBm
- 802.11g: typical -70dBm
- 802.11n: typical -68dBm

Data Rates

- 802.11b: 1, 2, 5.5, 11Mbps
- 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps
- 802.11n Draft: up to 300Mbps

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.

Date of issue: 2007.08.01

Version: 2.0