



Winstars Product Specifications

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| Version | A0 |
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| Date | 2016-06-15 |
| Writer | Signer |

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| Model: | WS-WN578N2-B WS-WN578R2-B WS-WN578S2-B |
| Name: | N300 Wi-Fi AP/Router |

PICTURE



FEATURES

- Improves wireless coverage in all WLAN networks
- Complies with IEEE 802.11 b/g/n, standards
- Wireless Speed up to 300Mbps
- 2 x Antennas providing even better wireless performance
- Maximum WLAN security with WPA2, WPA and WEP (128/64)
- Provides one 10/100Mbps Auto-Negotiation Ethernet LAN ports
- Provides one 10/100Mbps Auto-Negotiation Ethernet WAN/LAN ports
- Easy wireless security encryption at a push of the WPS button
- Designed with 3 x Wi-Fi Signal strength LED
- Features a convenient Mode Selector, enabling you switch to AP, Repeater, Router
- Features a convenient Power Switch, enabling you to switch ON/OFF
- Software Wizard for Simple Setup
- Compact, wall plug design for convenient placement

TITLE

N300 Wi-Fi AP/Router
 Eliminate Wi-Fi Dead Zones, Speed up to 300Mbps
 Double The Coverage Of Your Wi-Fi With Ease
 Supports AP, Repeater, Router Mode

DESCRIPTION

The Wi-Fi AP/Router is Mainly used for providing free Wi-Fi service in big area such as factory, home, office, street or etc. The AP/Router can take an existing 802.11n wireless signal, repeat and extend it to a longer range where it is too far away for the router or access point to reach. The AP/Router supports 2.4GHz wireless network connection, and it can supports 2.4GHz transmission speeds of up to 300Mbps. It has 2 x Antennas providing even better wireless performance, transmission rates, stability technology automatically avoids channel conflicts using its channel selection feature.

PACKAGE CONTENT

- 1 x Wi-Fi AP/Router
- 1 x Quick Installation
- 1 x Lan Cable (Option)

SPECIFICATION

| Hardware | | Wireless | | |
|----------------------------------|--|-----------------|---|-------------|
| Ports | 2 x LAN Port | Standard | IEEE802.11b, IEEE 802.11g, IEEE 802.11n | |
| Button | Reset*1, WPS*1, mode switch*1, power on/off *1 | Modulation | 802.11b: DSSS / BPSK / QPSK / CCK 802.11g: OFDM / DSSS / BPSK / QPSK / CCK 802.11n: OFDM / DSSS / BPSK / QPSK / CCK | |
| LED | 1 x LAN, 1x WAN/LAN, 1 x Power/WPS, 3 x WLAN signal strength | | | |
| Chipset | MT7628K | Speed | 802.11b : 11 Mbps; 802.11g : 54, Mbps 802.11n : 150Mbps | |
| Flash | 16Mb | Frequency band | 2.412~2.462 GHz –USA 2.412~2.472 GHz –Europe ETSI 2.412~2.484 GHz –Japan | |
| SDRAM | 64Mb | | | |
| Power Supply | 100-240 Va.c. 50/60Hz, 0.1A | Power | 802.11b: 22dBm ± 2 dBm 802.11g: 20dBm ± 2 dBm 802.11n: 20dBm ± 2 dBm | |
| Power Plug | UK/EU/US/China/Australia (option) | | | |
| Power Consumption | 3.5W MAX | Sensitivity | 802.11b: -90dBm / 802.11g: -70dBm / 802.11n: -68dBm | |
| Rated Voltage/ requery / current | input:100-240 Va.c. 50/60Hz, 0.1A ; Output 5V/0.6A | Antenna | 2 x Antennas | |
| Dimensions | | Distance | Outdoors 300m, Indoor 100m(According to the actual environment change) | |
| Unit Dimensions | x x mm (L x W x H) | Safely | 64/128/152-bit WEP WPA-PSK/WPA2-PSK、WPA/WPA2 | |
| Weight | About g | | | |
| Package Dimensions | x x x MM (xxg/PCS) | Software | | |
| Inner Pack | x x x CM (xxPCS/CTN) | | | |
| Master Carton | x x x CM (xxPCS/CTN) | | | |
| Environmental | | | | |
| Operating Temperature | 0°C~40°C | | | |
| Storage Temperature | -10~70°C | | | |
| Relative Humidity(Operational) | 10%~90%,noncondensing | | | |
| Relative Humidity(Storage) | 10%~90%,noncondensing | | | |
| Certification | | | | |
| CE-EMC | EN55022 EN55024 | | | NO suitable |
| CE-RTTE | EN301489-1 V 1.9.2 EN301489-17 V2.1.1 EN300328 V 1.7.1 | | | PASS |
| CE-LVD | EN60950-1 | PASS | | |
| FCC DOC | FCC Prt15 B | PASS | | |
| FCC ID | FCC Part15C | PASS | | |
| ROHS | 2011/65/EC | PASS | | |
| Reach | SVHC-73 | PASS | | |
| 3C | GB4943-2001 GB9254-1998 GB/T17618-1998 | NOT | | |
| Others | | | | |
| Method | See Manual | | | |
| Performance | See Test Report | | | |
| Reliability | See Test Report | | | |
| 包装要求及其他设计要求 | | | | |
| 要求完成时间 | 背标 | | | |
| 包装方式 | 外壳丝印 | | | |
| 成本预算 | 说明书 | | | |
| 打样数量及时间 | 光盘及软件版面 | | | |
| 提供完整样品 | 软件界面 | | | |
| 其他要求 | | | | |