BR300F-A 300M 11N Wi-Fi Router

System Overview

The 802.11n Wireless Router is compatible with IEEE802.11n standard, which supports data rate up to 300 Mbps in 2.4 GHz band, which is also compatible with IEEE 802.11g/b wireless devices. The Wireless router allows multiple users to share one broadband connection, as well as secures your private network. With its builtin 4port switch and wireless AP, LAN users can share files, and playing network games all at a high speed. This device is also an Access Point. It has a builtin wireless LAN. Users can connect to Internet using wireless network interfaces anywhere within the range of its radio transmission. It's ideal for SOHO users who require instant and convenient access to Internet without the restriction of connecting cables.

Product Introduction

- 1 WAN ports, 4 LAN
- External 3DBI antenna
- 300Mbps wireless upload and download

Product features

- Complies with 2.4GHz IEEE802.11n Draft v2.0 and backward compatible with IEEE 802.11b/g standards.
- Supports NAT/NAPT IP sharing.
- WAN Protocols: PPPoE/Static IP/PPTP/DHCP.
- High speed data rate up to 300Mbps.
- Support working mode: Infrastructure mode, WDS mode and AdHoc mode.
- Supports Virtual Server and DMZ.
- Supports the Multiple BSSID function.
- Supports WiFi Protected Setup (WPS) with reset button.
- Supports 64/128bit WEP encryption and WPAPSK, WPA2PSK security.
- Supports QOSWMM, the WMMPS function.
- Supports WDS mode.
- Supports Special Applications (Port Triggers).
- Supports DDNS (DynDNS, TZO), and QoS.
- Supports MAC/IP filtering and URL blocking.
- Supports DHCP server and AntiDos firewall.
- Web user interface (remote configuration).
- System status and security log.

Product Specifications

Model	**BR300F-A**
Standards	IEEE 802.11n、IEEE 802.11g、IEEE 802.11b、IEEE 802.3、IEEE 802.3u、CSMA/CA、CSMA/CD、TCP/IP、DHCP、ICMP、NAT、PPPoE
Interface Type	4 x 10/100M RJ45 Port(Auto MDI/MDIX)
	1 x 10/100M RJ45Port(Auto MDI/MDIX)
Frequency range	2.42.4835GHz
Radio Data Rate	11n: 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
	11g: 54/48/36/24/18/12/9/6M
	11b: 11/5.5/2/1M
Channel	13
Sensitivity @PER	270M: 68dBm@10% PER; 130M: 68dBm@10% PER
	108M: 68dBm@10% PER; 54M: 68dBm@10% PER
	11M: 85dBm@8% PER; 6M: 88dBm@10% PER
	1M: 90dBm@8% PER
RF Power	20dBm(Max)
Antennas	2 * 3 DBI fixed Antenna or unfixed Antenna
Cabling Type	10BASET: UTP category 3, 4, 5 cable (maximum 100m) EIA/ TIA568 100Ω STP(maximum 100m)
	100BASETX: UTP category 5, 5e cable (maximum 100m)
Leds	Power, WAN, WLAN, 1,2,3,4
Dimensions	149×110×28 (mm)
Power Supply	Output DC: 12V, 0.5A; Input AC:110V/220V
Operating temperature	0~40'C
Storage temperature	40~70'C
Relative Humidity	10%90% non condensation
Storage Humidity	5%95% non condensation

Ordering information

Product name	**Product Information**
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