150Mbps 1T1R Wireless Router
GW-WR151ND

Product Description

The GW-WR151ND is a high speed wireless router with downstream up to 150 Mbps. Utilizing 802.11 b/g/n wireless technology, the computers and devices with WiFi functionality can wirelessly connect to the GW-WR151ND and share high speed Internet connection. It supports DHCP client and DHCP server. It also supports NAT and NAPT functions. As a DHCP client, it can dynamically obtain external Internet IP address. As a DHCP server, it can dynamically assign local IP address to the associated wireless stations and wired LAN port PCs. NAT and NAPT functions implement local IP address and external IP address conversion.

The GW-WR151ND is an ideal wireless broadband solution for both home users who wish to share high-speed wireless Internet access and small offices which wish to do business on the Internet.

Product Features

·Comply with 802.11b/g/n standards and support the maximum rate of 150 Mbps
·Support "WPS" one-button to establish secure wireless network connection to relieve users the trouble of memorizing complicated password
·Provide a website filtering function, enabling parents to prevent children from accessing web sites containing pornography
·Provide auto-adaptive QoS function to guarantee the normality of Internet surfing, video sharing, and online gaming
·Provide a wizard to guide system configuration

Technical Specifications

·Provide 1×10/100Mbps WAN port, 4×10/100Mbps LAN ports, WPS/ Reset/Power buttons
·Comply with IEEE 802.11b/g/n Standards, pass Wi-Fi certification, and support the maximum rate of 150Mbps
·Support WMM to make video application work smoothly
·Support wireless roaming technology to guarantee effective wireless connections
·Support the latest wireless network encryption protocols (WEP/WPA/ WPA2) to prevent illegal invasion
·Provide a website filtering function to prevent children from accessing web sites which containing pornography
·Support automatic selection of wireless channels
·Support 802.11b/g/n compliant auto negotiation and manual configuration
·Support WPS function which establish a secure wireless connection just by press one button
·Support built-in DHCP server to assign IP address automatically
·Support UPnP and DDNS functions
·Provide system logs for recording device working status
·Passed CE, FCC and RoHS certifications
·With 3dbi detachable antenna

Packing List

·150M wireless broadband router GW-WR151ND
·Optical disk (containing a user manual)
·Power adapter
·Quick Installation Guide
·RJ45 network cable
·Warranty card

Parameter and Specification

Parameter	Specification
System Spec	
Chipset	Realtek8196C
SDRAM	16M
Serial Flash	4M
Feature and Technology Spec	
Protocol	• IEEE 802.11b • IEEE 802.11g • IEEE 802.11n • RFC768 User Datagram Protocol (UDP) • RFC791 Internet Protocol (IP) • RFC792 Internet Control Message Protocol (ICMP) • RFC793 Transmission Control Protocol (TCP) • RFC826 Address Resolution Protocol (ARP) • RFC2516 PPP over Ethernet (PPPoE) • RFC2131 Dynamic Host Configuration Protocol (DHCP) • Support ALG
System Support	Windows 98SE, Windows 2000, Windows ME, Windows XP 32/64 bit and Windows Vista 32/64bit
Modulation Schemes	Support 256/64/16/8-QAM, QPSK, BPSK, MCS0 ~ MCS15
Encryption	4/128 bit, WEP, 802.1x, WPA, and WPA2 wireless encryption
QoS	Support Differentiate Services
SNMPv2 or v3	Support
Ethernet Interfaces	4 x RJ45 for 10/100 LAN Ethernet Port 1 x RJ45 for 10/100 WAN Ethernet Port
LEDs	• Power • WLAN • WPS • WAN • LAN 1~4
Consumption	2W
Environment Requirement	
Operating Temperature	0ºC~45ºC
Storage Temperature	-20ºC~70ºC
Operating Humidity	10%~90%, non-condensing
Storage Humidity	5%~90%, non-condensing
Power Supply	• Input power: 100-240VAC, 50/60Hz • Output power:12VDC/500mA
EMC and Safety	
Regulatory Compliance	
Safety Regulations	UL
Green Standard	RoHS
Physical Dimension	
Physical Characteristics	L x W x H: 240 mm x 195 mm x 105 mm
Weight	500g