

150Mbps Wireless N ADSL2+ Modem Router

TD-W8951ND

⦿ Features:

- All-in-One: ADSL2+ modem, NAT router, 4-port switch and wireless N access point in one device provides an one-stop networking solution
- 150Mbps wireless speed makes it great for video streaming and online gaming
- Easy Setup Assistant with multi-language support provides quick & hassle free installation
- Wi-Fi On/Off Button allows users to simply turn their wireless radio on or off
- WPS Button allows users to easily setup a WPA encrypted secure connection
- SPI and NAT firewall protects end-user devices from potential attacks across the Internet
- 6000V Lightning Protection helps your device to avoid the damage of tough thunderstorms
- Supports the latest Internet Protocol IPv6 to future-proof your network
- Port VLAN binds specific LAN ports to PVCs for an enjoyable IPTV experience*



⦿ Description:

TD-W8951ND 150Mbps Wireless N ADSL2+ Modem Router is an All-in-One device, which is designed to provide end-users with a one-stop solution to acquiring and sharing high speed Internet access over a wired/wireless network. With the Easy Setup Assistant bundled in the CD, SPI and NAT firewall, QoS engine and other advanced features, you can easily setup a protected wireless network and enjoy the pleasant of Internet surfing, file sharing, VoIP, audio and Video streaming.

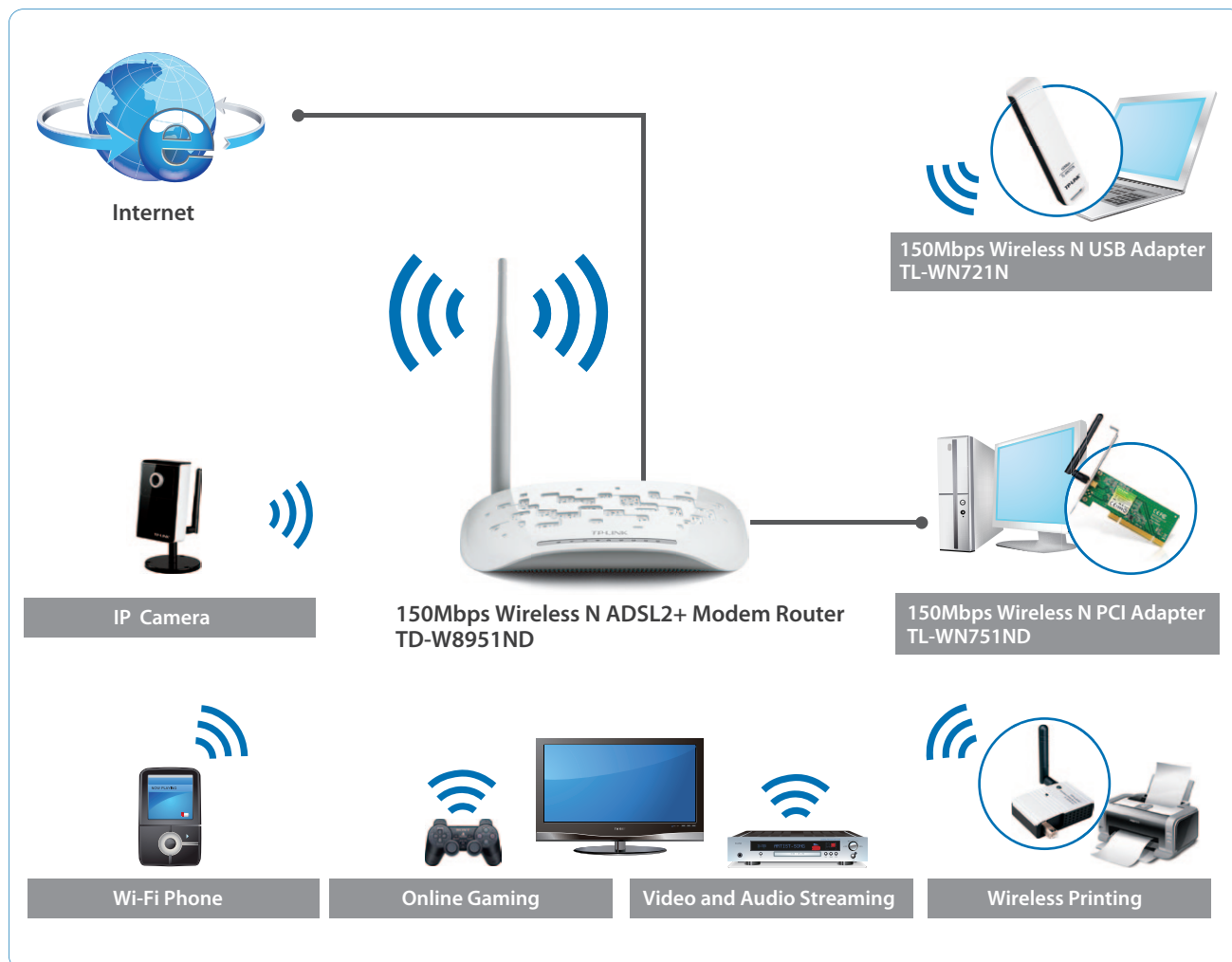
* IPTV application may require subscribing to IPTV services from an ISP.

Specifications:

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|-------------------------------|--|
| Product Description | 150Mbps Wireless N ADSL2+ Modem Router |
| WAN Port | 1 RJ11 DSL Port |
| LAN Ports | 4 10/100Mbps RJ45 LAN Ports |
| IEEE Standards | IEEE 802.3, 802.3u |
| ADSL Standards | Full-rate ANSI T1.413 Issue 2, ITU-T G.992.1 (G.DMT) Annex A, ITU-T G.992.2 (G.Lite) Annex A, ITU-T G.994.1 (G.hs) |
| ADSL2 Standards | ITU-T G.992.3 (G.dmt.bis) Annex A/L/M, ITU-T G.992.4 (G.lite.bis) Annex A |
| ADSL2+ Standards | ITU-T G.992.5 Annex A/L/M |
| Data Rates | Downstream: Up to 24Mbps Upstream: Up to 3.5Mbps (with Annex M enabled) |
| ATM / PPP Protocols | ATM Forum UNI3.1/4.0 PVC (up to 8PVCs) ATM Adaptation Layer Type 5 (AAL5) ATM QoS (Traffic Shaping) Bridged and routed Ethernet encapsulation VC and LLC based multiplexing PPP over Ethernet (RFC2516) PPP over ATM (RFC 2364) IPoA (RFC1577/2225) |
| Main Features | DHCP, DHCP relay NAT, Static Routing, RIP V1/V2 VPN (PPTP, L2TP, IPSec) Pass-through PVC/Ethernet Port Mapping VLAN, 802.1P DNS Relay, DDNS IGMP Multicast, IGMP snooping V1/V2 Virtual server, DMZ, ACL (Access Control List) UPnP |
| QoS | QoS Remarking based on IPP/ToS, DSCP and 802.1p |
| Management | Web Based Configuration (HTTP), Remote management, Telnet management, command Line Interface, SSL for TR-069, SNMP V1/V2C, SNMP over EOC, Web Based Firmware Upgrade, CWMP (TR-069), Diagnostic Tools |
| Security | NAT and SPI Firewall MAC/IP/Packet/Application/URL Filtering Denial of Service(DoS), SYN Flooding, Ping of Death |
| Wireless Standards | IEEE802.11g, 802.11b, with some n features ¹ |
| Frequency Range | 2.4-2.4835GHz |
| Wireless Speed | 11n: Up to 150Mbps (dynamic) |
| Wireless Security | Provides 64/128-bit WEP encryption security and wireless LAN ACL (Access Control List), WPA-PSK/WPA2-PSK authentication and TKIP/AES encryption security |
| Wireless Security Power (Max) | 20dBm (max.EIRP) |
| Antenna Type | Omni directional, Detachable, Reverse SMA |
| Dimensions (W x D x H) | 6.5 x 4.3 x 1.1in. (165 x 108 x 28mm) |
| Environment | Operating Temperature: 0°C~40°C (32°F~104°F) Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing |

1. The device leverages some 802.11n features to provide improved performance and coverage compared to 802.11a/g devices, and fully interoperate with 802.11n products, but it does not conform to all of the requirements in the IEEE specification and are not classified as "n" in the Wi-Fi CERTIFIED program.

Diagram:



Package:

- 150Mbps Wireless N ADSL2+ Modem Router TD-W8951ND
- One Power Adapter
- One External splitter
- Two RJ-11 Telephone Cables
- One RJ-45 Ethernet Cable
- Resource CD
- Quick Installation Guide

Related Products:

- 150Mbps Wireless N USB Adapter TL-WN721N
- 150Mbps Wireless N PCI Adapter TL-WN751ND
- 10/100M Desktop Switch TL-SF1005D