



Nova300

ADSL modem and 300Mbps wireless router with USB port sharing



Stellar wireless performance, meant to be shared



Product overview

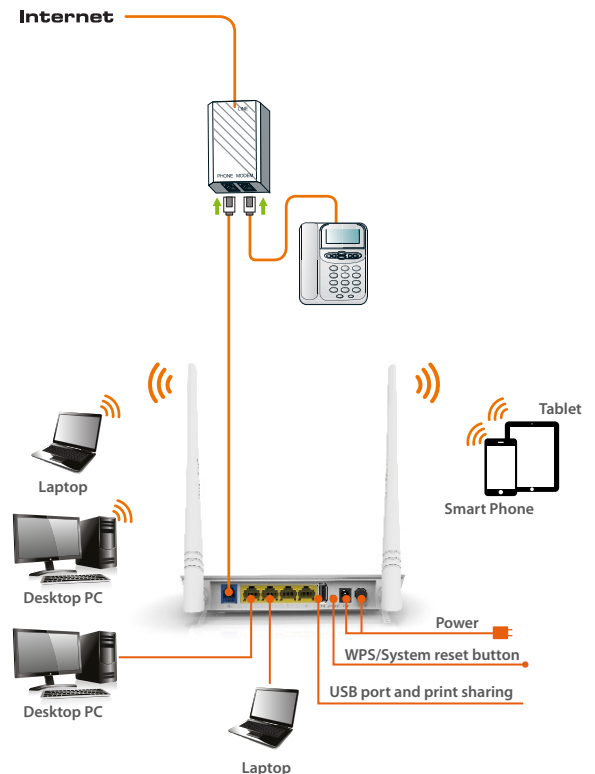
Nexxt Solutions introduces its new generation of high speed modems, the **Nova300**. This device brings together the function of an ADSL+ model with a router and 4 port switch, making this a true all-in-one solution. It is capable of achieving wireless speeds of up to 300Mbps - 8x faster compared to 802.11g technology, with increased coverage thanks to its dual antenna setup. MIMO technology assists in achieving an ultra-fast and stable connection. The **Nova300** supports the latest ADSL2/2+ standards, providing higher performance and longer reach from ISP's without sacrificing data throughput. The addition of a USB port turns this ADSL modem router into the ultimate media center to help share external hard drives or to enable print sharing functions across the network.

This is the ideal solution for establishing a wireless network for file sharing, downloads, music and video streaming, VoIP, IPTV, gaming, and peer to peer communication. It is an excellent choice for both carriers and end users.

Highlights

- All-in-one solution: ADSL 2/2+ modem, Wi-Fi router, 4 port switch
- Superior wireless speeds up to 300Mbps
- Expanded coverage: 2 x 5dBi antennas
- USB sharing: for external hard drive or USB printer
- Lighting protection
- WDS function
- Advanced security: multi-level encryption
- Dynamic host configuration protocol (DHCP) enabled
- Static routing
- Virtual server, DMZ
- Internet protocol version 6 (IPv6)
- Bandwidth control

Applications



Technical specifications

| Hardware features | |
|--------------------------|---|
| Standards | 2.4GHz: IEEE802.11n, IEEE802.11g, IEEE802.11b IEEE802.3, IEEE802.3u |
| Protocols | Dynamic IP, PPPOE, Static IP, PPPoA, IPoA |
| Ports and interface | 1 x RJ-11 port 4 x 10/100M adaptive LAN/WAN ports (Auto MDI/MDIX) 1 x USB 2.0 interface |
| Antennas | 2 x fixed 5dBi omni-directional |
| Button | Power Reset/WPS |
| LED indicators | Power, Internet, DSL, WLAN, LAN, SYS, USB, WPS |
| Wireless features | |
| Wireless rate | 300Mbps |
| Frequency band | 2.4GHz |
| Radio data rate | IEEE 802.11n: up to 300Mbps IEEE 802.11g: up to 54Mbps IEEE 802.11b: up to 11Mbps |
| Channels | 1-13 |
| Channel width | Auto, 20MHz, 40MHz |
| Security | WPA-PSK/WPA2-PSK, WPA/WPA2, WEP |
| Operating modes | Wireless ADSL2+ modem router |
| Wireless function | Enable/Disable wireless radio Enable/Disable WDS Enable/Disable SSID Wireless access control |
| RF power | 2.4GHz: n mode: 16±1dBm g mode: 17±1dBm b mode: 19±1dBm |
| Software features | |
| Internet connection type | Dynamic/Static IP, PPPOE, PPPoA, IPoA |
| DHCP | DHCP server, DHCP client list, DHCP reservation |
| Security | Client filter, Mac filter, URL filter Security: Enable/Disable |
| Bandwidth control | Included |
| DDNS | No-IP and DynDNS |
| Virtual server | Port forwarding and DMZ host |
| VPN pass-through | PPTP, L2TP, Ipsec |
| Other advanced function | Bandwidth control, MAC address clone, remote web management, and system log |
| Environment | |
| Operating temperature | 32°F-104°F |
| Storage temperature | -40°F -158°F |
| Relative humidity | Operating humidity: 10%-90% non-condensing Storage humidity: 5%-90% non-condensing |
| Physical appearance | |
| Housing | ABS Plastic |
| Color | Black |
| Product dimensions | 6.8x4.3x1.0in |
| Product weight | 0.44lb |
| Additional information | |
| Power | 12V/1A |
| Warranty | One Year |
| Certificates | FCC |
| Included | ADSL2+ modem router Quick installation guide Ethernet cable 2 x telephone cables Line filter Power adapter |