

# Nova300

ADSL modem and 300Mbps wireless router with USB port



AML02304U1



Virtual server- DMZ

**WDS** WDS function



**Expanded coverage:**  
2 x 5dBi antennas



**All-in-One solution:**  
ADSL 2/2+ modem,  
Wi-Fi router, 4 port switch



Bandwidth control



**Advanced security:**  
Multi-level encryption



**USB sharing:**  
For external hard drive  
or USB printer



**Superior wireless**  
speeds up to 300Mbps

Stellar wireless performance, meant to be shared

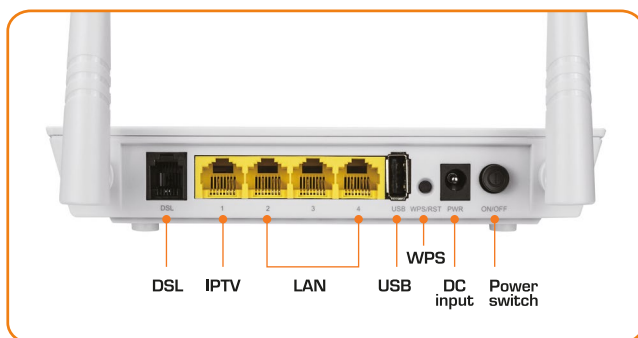
## Overview

Nexxt Solutions introduces its new generation of high speed modems, the **Nova300**. This device brings together the function of an ADSL+ modem with a router and a four-port switch, making this a true all-in-one solution. It is capable of achieving wireless speeds of up to 300Mbps – 8 times 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. 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. 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. It is an excellent choice for both carriers and end users.



## Features

- All-in-one solution: ADSL 2/2+ modem, Wi-Fi router, 4 port switch
- Superior wireless speeds up to 300Mbps
- Expanded coverage: two 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



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www.nexxtsolutions.com

## Technical specifications

MPN	AML02304U1
<b>Hardware features</b>	
Standards	2.4GHz: IEEE802.11n, IEEE802.11g, IEEE802.11b IEEE802.3, IEEE802.3u
Protocols	Dynamic IP, PPPOE, Static IP, PPPoA, IPoA
Ports and interface	One RJ-11 port Three 10/100M adaptive LAN ports (Auto MDI/MDIX) One 10/100M adaptive WAN port (Auto MDI/MDIX) One USB 2.0 interface
Antennas	Two fixed 5dBi omnidirectional
<b>Wireless features</b>	
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
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
<b>Software features</b>	
Internet connection type	Dynamic IP, PPPOE, Static IP, 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
<b>Physical appearance</b>	
Housing	ABS Plastic
Color	White
Product dimensions	6.8x4.3x1.0in
Product weight	0.44lb
<b>Additional information</b>	
Power	12V/1A
Warranty	Two years
Certificates	FCC