

# ZyXEL



## Extreme Wireless Performance and Dead Spot-Free Coverage

**300Mbps**  
Draft 802.11n



- Data Rates at Up to 300 Mbps in Draft 802.11n Mode
- Advanced Wireless Security Transmission with WEP Encryption and WPA/WPA2 Support
- Backward Compatible with 802.11b/g Networks

### Benefits

#### Draft 802.11n Wireless Connectivity

ZyXEL NWD-170N/NWD-370N is the perfect solution for home users demanding cutting-edge, versatile networking devices. Taking advantage of Draft IEEE 802.11n technology, the NWD-170N/NWD-370N can efficiently pinpoint client computers and select adequate methods to exchange radio signals. Coupled with Draft 802.11n clients, the NWD-170N/NWD-370N can truly push wireless coverage to the limit. With the upcoming IEEE 802.11n technology, the NWD-170N/NWD-370N can eliminate dead zones and extend coverage up to 4 times, while retaining the backward-compatibility with all 802.11b/g devices.

#### Enhanced Wireless Security and Privacy

In addition to the basic 64/128/152-bit WEP encryption, new wireless security mechanisms such as 802.1x authentication and Wi-Fi Protected Access Pre-Shared Key (WPA-PSK/WPA2-PSK) are employed by NWD-170N/NWD-370 to enhance network protection. These refined security measures allow only authorized users to access the network in order to protect data from being tapped during wireless transmissions.

#### Easy Installation with Automatic Multilingual Interface

The auto setup wizard helps you install and setup wireless connections without hassle. The intuitive user interface guides you through the configuration process with the language of choice, or automatically switches to the language corresponding to the Windows regional setting.



Draft 802.11n Wireless Client

NWD-170N  
NWD-370N

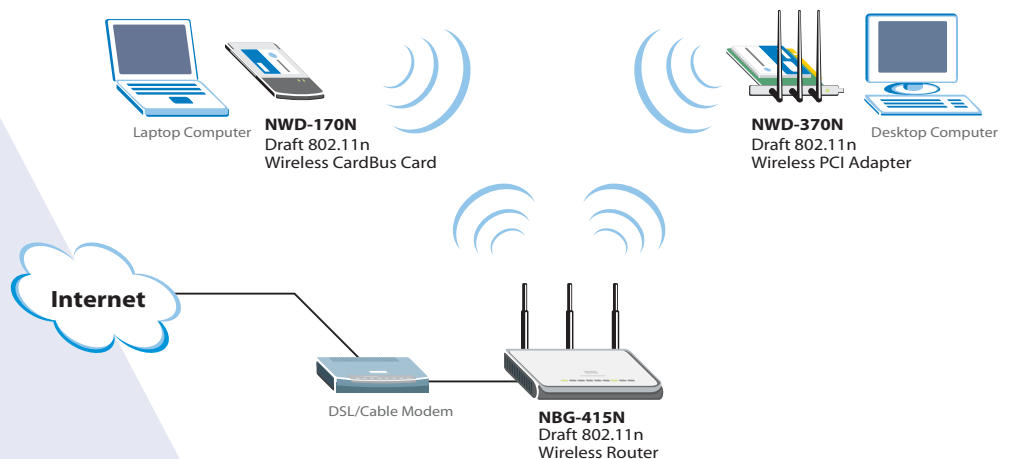


# WIRELESS

## Specifications

Product Number	NWD-170N	NWD-370N
		
<b>Product Name</b>	Draft 802.11n Wireless CardBus Card	Draft 802.11n Wireless PCI Adapter
<b>Standard Compliance</b>	IEEE 802.11b/g, and Draft 802.11n standard	
<b>Application</b>	Laptop	Desktop
<b>Frequency Range</b>	2.4 G ~ 2.4835 GHz	
<b>Data Rate (Automatic Fallback)</b>	54M/48M/36M/24M/18M/12M/11M/9M/6M/5.5M/2M/1 Mbps	
<b>Modulation Technique</b>	DBPSK/DQPSK/CCK/OFDM	
<b>Network Architecture</b>	Infrastructure (AP-Client) mode	
<b>Host Interface</b>	32-bit CardBus	PCI
<b>Antenna</b>	Internal Patch Antenna	External Antenna
<b>Security</b>	64/128/152-bit WEP (Hex & ASCII), WPA/WPA2	
<b>Roaming</b>	between any 802.11n-base network	
<b>Transmit Output Power</b>	802.11b: 18 ±1.5 dBm @11 Mbps (typical 18 dBm) 802.11g: 15 ±1.5 dBm @54 Mbps (typical 15 dBm) 802.11n (draft): 14 ±1.5 dBm with HT20 & HT40 (typical 14 dBm)	
<b>Receiver Sensibility</b>	-72 dBm @54 M; -84 dBm @11 M; -70 dBm with HT40	
<b>Physical Specifications</b>		
Dimensions	115 (L) x 53 (W) x 6 (H) mm	120 (L) x 97.5 (W) x 20 (H) mm
Weight	40 g	145 g
<b>Environmental Specifications</b>		
Operating Temperature	0°C ~ 50°C	
Operation Humidity	20% ~ 95% (Non-condensing)	

## Application Diagram



For more product information, visit us on the web [www.ZyXEL.com](http://www.ZyXEL.com)