

Prestige 316

More Than Just a Broadband Sharing Gateway. 11Mbps Wireless Access Point Built-in!

Broadband Sharing Gateway With Wireless LAN



The Prestige 316 is Zyxel's first Wireless LAN solution designed for home/small business customers. It brings you the high-speed experience over the air and makes your network more effective.

The Prestige 316 combines advanced wireless technology with robust routing functions, giving you broadband-sharing gateway with an access point. Maximize network efficiency while minimizing your network investment and maintenance costs.



Features

Wireless Access Point

- Built-in 11Mbps wireless Access Point
- IEEE 802.11b standard compliance
- Direct Sequence Spread Spectrum (DSSS) operating at unlicensed 2.4GHz ISM band
- 11Mbps, 5.5Mbps, 2Mbps, 1Mbps data rate and auto-fallback support
- Wired Equivalent Privacy (WEP) data encryption
- Seamless roaming within IEEE 802.11b wireless LAN infrastructure
- Diagnostic, Statistics and Traffic Monitor

Network Management

- Embedded Web-based configurator
- Telnet and local console management
- Built-in Command Line Interpreter (CLI)
- SNMP for remote management
- Syslog support for connection logs recording
- TFTP/HTTP firmware upgrade and configuration backup/restore

Broadband Sharing Gateway

- Broadband access sharing via cable/DSL modem
- IP routing protocol support: TCP, UDP, ICMP, ARP and Proxy ARP
- RIP-1 and RIP-2
- SUA allows multiple users to share a single Internet account
- DHCP client and server for IP management
- PPP over Ethernet and PPTP Client support
- RoadRunner Manager for cable service connection
- IP Multicast
- IP Alias supports three logical networks
- Transparent bridging
- Dynamic Domain Name Server (DDNS)
- Optimized connection management via call scheduling



ZyAIR 100

11Mbps Wireless PCMCIA Card

Network Connection Anytime and Anywhere

The ZyAIR 100 complies to the IEEE802.11b standard that saves time, cabling costs and allows you to connect/create a high-speed wireless network environment.

The ZyAIR 100 works both under Ad-Hoc and Infrastructure mode. Under Ad-Hoc mode, a peer-to-peer connection between two hosts can be built and users can share resources without hassle. The ZyAIR 100 performs as a station device under infrastructure mode to communicate with a Prestige 316 Access Point. You decide the right time and right place to surf the Internet.

The ZyAIR 100 supports roaming capability, and gives you the greatest flexibility to move between different Access Points seamlessly. The Wired Equivalent Privacy(WEP) mechanism encrypts your data securely and offers reliable transmissions.



ZyAIR 100 - PC Adapter



USB Adapter

Design your wireless network

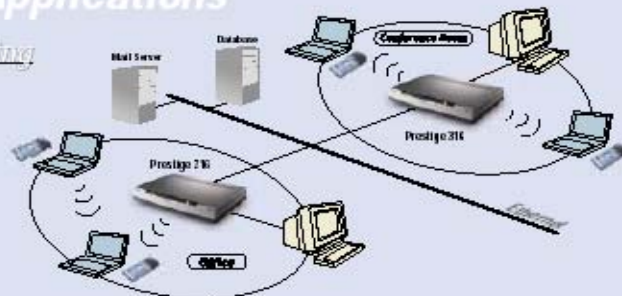
You can design your own wireless network in a convenient way. Here is some suggestion for you to start quickly:

- a ZyAIR 100 PC card for your notebook,
- a ZyAIR 100 plus a PC adapter for your desktop,
- a ZyAIR 100 plus a USB adapter for your computer with a USB interface.

Wireless Applications

Office Networking

- ▶ Presentation
- ▶ Real time database retrieving
- ▶ Printer sharing
- ▶ E-Mail receiving/sending
- ▶ Internet/Intranet access
- ▶ File sharing



Home Networking

- ▶ Internet access
- ▶ Online gaming
- ▶ File sharing
- ▶ Printer sharing
- ▶ Stream video / audio
- ▶ Web applications

