

# Prestige 623 Series

## ADSL Ethernet/USB Gateway



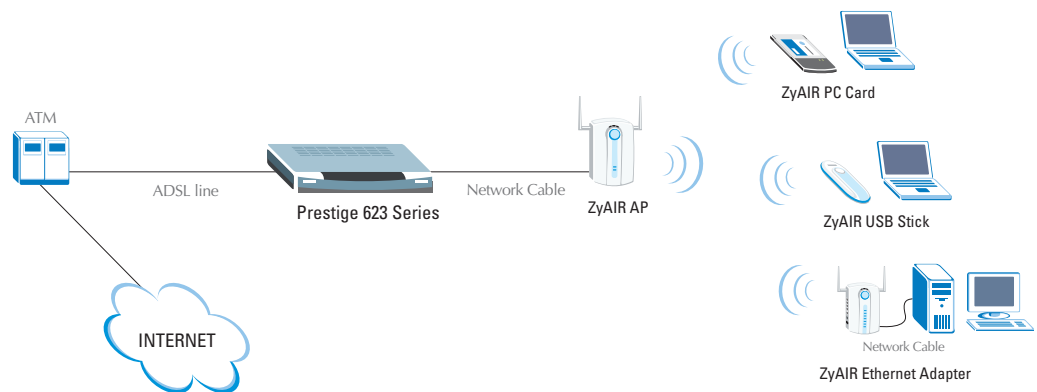
The Prestige 623 series is a reliable, easy-to-install ADSL Ethernet/USB gateway that provides unrivaled flexibility. By offering both Ethernet and USB ports, users can access the Internet with a choice of interface options. The Prestige 623 series is ideal for small office / home office environments and allows users to share a single DSL line and single IP address.

Easy to set up and deploy, the Prestige 623 is interoperable with all industry standards. ZyXEL's Prestige 623 series brings together the best combination of ADSL technology to make the greatest use of your high-speed Internet connection.

### Benefits

- Provides unrivaled flexibility to connect a PC by offering both USB and Ethernet interface options.
- Affordable, multi user access with a single DSL line
- Easy to use and manage with the Web-based Graphic User Interface (GUI)
- Installation is quick and simple
- Compatible with all major DSLAM manufacturers

### Application Diagram



## Features

### ADSL Compliance

- Multi-Mode ADSL Standard
  - RADSL (DMT T1.413 Issue 2)
  - G.dmt (ITU G.992.1)
  - G.lite (ITU G.992.2)
- Auto-negotiating rate adaptation
- Support Dying Gasp

### ATM Protocols

- ADSL physical layer support ATM Adaptation Layer Type 5 (AAL5)
- Multiple Protocol over AAL5 (RFC 1483)
- Support UBR, CBR, and GFR service classes
- Supports up to 64 Virtual Channel Connections (VCCs)
- VC and LLC based multiplexing
- ATM Forum UNI4.0 PVC
- OAM F4/F5
- Connection admission control (CAC)
- 8 VCs support

### PPP Support

- PPP over AAL5 (RFC 2364)
- PPP over Ethernet (PPPoE, RFC 2516)

### Bridging

- IEEE 802.1d transparent bridging
- Supports bridged PDU encapsulation (Spanning tree)

### Internet Access Sharing

- PAP or CHAP for user authentication
- NAT/SUA support
- UPnP support

### Routing Protocols

- RIP I/ IP II support
- DHCP server, DHCP client and DHCP relay
- Supports Internet Protocol Configuration Protocol (IPCP)

### Management

- TFTP (Trivial File Transfer Protocol) and FTP
- SNMP support
- Auto-configuration
- Management access via SNMP, HTTP, and CLI

### Security

- IP filtering and raw filtering
- PAP
- CHAP

### Operating Systems Support

- The Ethernet port is operating system independent.
- USB port supporting Windows98/98SE, Windows ME, Windows 2000, XP and MAC 10.x

## Specifications

### Hardware Specification

- One RJ-11 port for ADSL connection
- One USB Port
- One RJ-45 port for 10M/100M auto-sensing
- Ethernet LAN port
- Power switch
- One PS2 console port
- Reset bottom

### Physical Specification

- Dimensions: 181mm(L) x 128mm(D) x 37mm(H)
- Weight: 275g

### Power Requirement

- AC input voltage: 100 to 120 VAC, 200 to 240 VAC
- Output: 12VAC

### Operating Environment

- Temperature: 0 ~ 40°C
- Humidity: 20 ~ 90% (non-condensing)

### Optional Parts

- Microfilter
- POTS Splitter

### 2-Year Warranty

### Approval

- FCC part 15 class B, FCC part 68, CE Mark, EN60950, IEC 60950, CSA 950



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