Prestige 660 Series
ADSL 2⁺ Modem/Router

Models:

- Prestige 660R ADSL 2⁺ Router over POTS
- Prestige 660R ADSL 2⁺ Router over ISDN/U-R2
- Prestige 660M ADSL 2⁺ Modem over POTS
- Prestige 660M ADSL 2⁺ Modem over ISDN/U-R2

ZyXEL's Prestige 660 series offers ADSL/ADSL2/ADSL2⁺ network solution for SOHO and Home users, providing high-speed Internet access that is faster than ever before. Users can enjoy higher-quality multimedia and real-time applications such as online gaming, video conferencing and other bandwidth-consuming services. With the Zero Configuration technology featured in the Prestige 660 series, installation is quick and simple, helping service providers eliminate labor cost of technical support.

High-performance and ease of use make the Prestige 660 series the ideal Internet access solution for today's SOHO and Home user demands.

Benefits

Higher-speed Internet Access

The Prestige 660 series is capable of supporting high-speed ADSL, ADSL2 and ADSL2⁺ over existing copper lines. With speeds of up to 12Mbps (ADSL2) or 24Mbps (ADSL2⁺), the Prestige 660 series offers higher data transfer rates and better bandwidth than traditional ADSL enabled gateways. The Prestige 660 series also support RE ADSL (Reach Extended ADSL) for better performance at greater distance. The Prestige 660 series offers the key link between today's communications services and tomorrow's converged services.

Zero Configuration

The Prestige 660's Zero Configuration technology allows users to hook up a DSL connection without hassle. The user-friendly design embedded in the gateway is OS independent and supports all kinds of operating systems in the host PC.

Built-in PPPoE Feature

Incorporating ZyXEL's first-in-the-world PPPoE implementation, the Prestige 660 series enables both users and service providers to make use of the existing PPP/PAP/CHAP based authentication and accounting infrastructure. Built-in PPPoE features save time by eliminating the need to install software.

UPnP Support

UPnP (Universal Plug-and-Play) makes connecting PCs of all form factors and intelligent home and office appliances easier and even automatic by leveraging TCP/IP and Web technologies. The Prestige 660 series supports UPnP discovery and UPnP NAT Traversal and can automatically solve many NAT unfriendly problems.

ADSL 2+ | ADSL 2RE | Zero Configuration | Web-based Configuration

ZyXEL
Unleash Networking Power

Features

ADSL Compliant
- RADSL (ANSI T1.413 Issue 2)
- G.dmt ADSL over POTS (G.992.1 Annex A)
- G.dmt ADSL over ISDN (G.992.1 Annex B and U-R2)
- G.lite (G.992.2)
- G.hs (G.994.1)
- Auto-negotiating rate adaptation
- ADSL2 G.dmt.bis (G.992.3)*
- ADSL2 G.lite.bis (G.992.4)*
- ADSL2+ (G.992.5)*
- Reach Extended ADSL (RE ADSL)*

ATM Support
- 8 PVCs Support
- RFC 1483/2684 Multiple Protocol over AAL5
- VC and LLC Multiplexing
- Traffic Shaping UBR, CBR, VBR-nrt
- ATM Forum UNI 3.1/4.0 PVC
- I.610 OAM F4/F5 loop-back, AIS, and RDI OAM cells

PPP Support
- PPP (RFC 1661)
- PPP over AAL5 (RFC 2364)
- PPP over Ethernet (RFC 2516)
- PAP Authentication (RFC 1334)
- CHAP Authentication (RFC 1994)

Routing/Bridge Support
- IEEE 802.1d Transparent Bridging
- 802.1q Pass-through Bridge
- Up to 256 MAC Learning Address
- IP Routing: TCP, UDP, ICMP, ARP
- RIP1v1 and RIPv2
- Static Route
- IP Multicast IGMP v1/v2
- IP Policy Route

IP Management
- SUA (Single User Account)
- Multi-NAT (Network Address Translation)
- Multimedia Support
- VoIP SIP Pass-through
- VPN (IPSec, PPTP, L2TP) Pass-through
- DHCP Server/Relay/Client
- IP Alias
- DNS Proxy

- Dynamic DNS
- UPnP Support

Network Management
- Web-based Configuration
- Command-line Interpreter (CLI)
- Telnet Remote Management
- SNMP MIB Support
- FTP/TFTP firmware upgrade and configuration backup/restore
- Built-in Diagnostic Tool

Security
- Password-protected System Management Terminal
- PAP (Password Authentication Protocol)
- CHAP (Challenge Handshake Authentication Protocol)
- Microsoft CHAP
- IP Packet Filtering for Access Control

Advanced Features
- Traffic Redirect
- Zero Configuration
- Call Scheduling
- Budget Management

* For future release

Specifications

Hardware Specification
- ADSL: One RJ-11 or RJ-45 Port
- LAN: 10/100M Auto MDI/MDIX
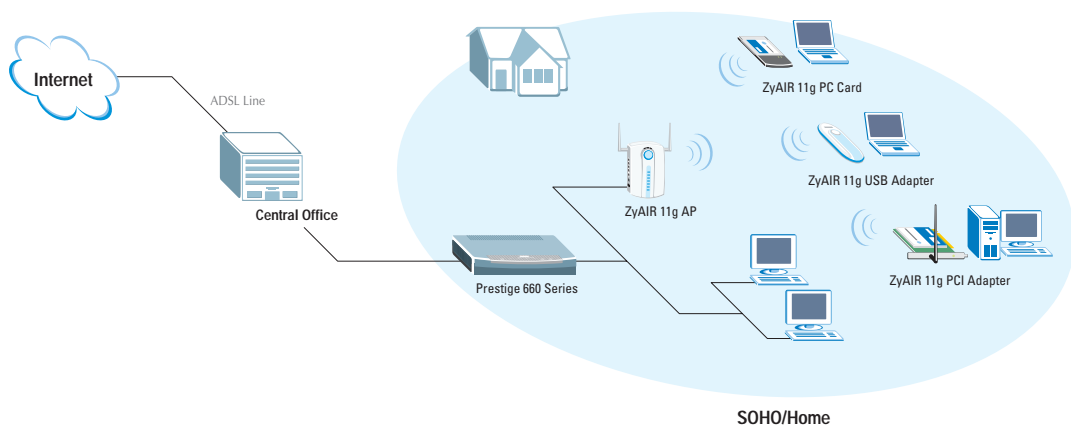- Reset Button
- Status LEDs Indicator
- Power: 12V AC

Physical Specification
- Dimensions: 180(L) x 128(D) x 36(H) mm
- Weight: 290g

Operating Environment
- Temperature: 0 ~ 40ºC
- Humidity: 20 ~ 85% (non-condensing)

Application Diagram

Internet — ADSL Line — Central Office — Prestige 660 Series — ZyAIR 11g AP — ZyAIR 11g PC Card — ZyAIR 11g USB Adapter — ZyAIR 11g PCI Adapter

SOHO/Home