

# Prestige 660 Compact Series

## ADSL 2+ Access Modem/Gateway



### Models:

- Prestige 660R-61C ADSL2+ Gateway over POTS
- Prestige 660R-63C ADSL2+ Gateway over ISDN
- Prestige 660R-67C ADSL2+ Gateway over U-R2
- Prestige 660M-61C ADSL2+ Modem over POTS
- Prestige 660M-63C ADSL2+ Modem over ISDN
- Prestige 660M-67C ADSL 2+ Modem over U-R2

ZyXEL's Prestige 660 Compact Series offers an advanced ADSL/ADSL2/ADSL2+ network solution for SOHO and Home users, providing broadband Internet access faster than ever before. Through the Prestige 660 Compact Series, users can effortlessly enjoy high-quality multimedia and real-time applications such as online gaming, video conferencing and other services that require abundant bandwidth.

Thanks to the "Zero Configuration" technology, the quick and simple installation of Prestige 660 Compact Series enables service providers to eliminate labor and technical support costs.

What's more, the compact Prestige 660 series provides a smaller dimension and even better price-performance ratio for users demanding more free space. The versatility, performance and ease-of-use make the Prestige 660 Compact Series an ideal Internet access solution for today's SOHO and Home users.

### Benefits

#### Higher-speed Internet Access

The Prestige 660 Compact 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 Compact Series offers higher data transfer rates and better bandwidth than traditional ADSL enabled gateways. The Prestige 660 Compact Series also supports RE ADSL (Reach Extended ADSL) for better performance at greater distance. The Prestige 660 Compact Series offers the key link between today's communications services and tomorrow's converged services.

#### Zero Configuration

The "Zero Configuration" technology employed by the Prestige 660 Compact Series 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 Compact 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 Compact Series supports UPnP discovery and UPnP NAT Traversal and can automatically solve many NAT unfriendly problems.

#### Better Space and Performance Efficiency

Aside from the ADSL2+ compatibility and feature-rich design of the series, the Prestige 660 Compact Series stands out for its compactness and price-performance. For users requiring a smaller form factor, the Prestige 660 Compact Series is a premium choice.



### 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

- 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: 9V AC

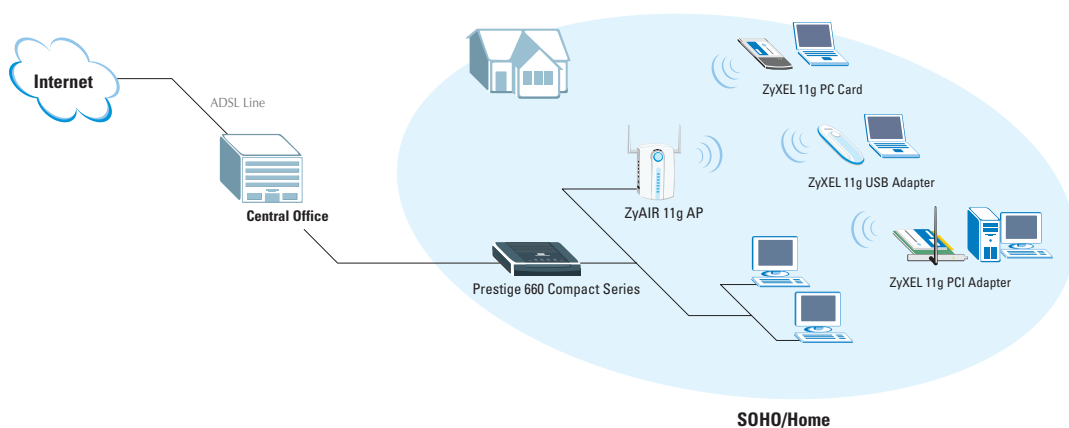
#### Physical Specification

- Dimensions: 111(L) x 106.5(D) x 35(H) mm
- Weight: 172g

#### Operating Environment

- Temperature: 0°C ~ 40°C
- Humidity: 20% ~ 85% (non-condensing)

### Application Diagram



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Unleash Networking Power

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