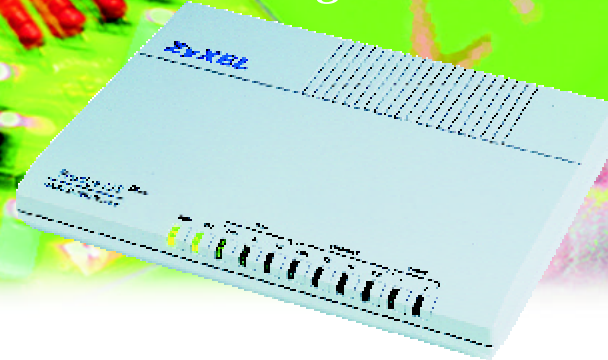


Prestige 128Plus

ISDN Bridge/Router



Bringing the power of ISDN to your LAN has never been simpler, more convenient, or more cost-effective. The ZyXEL Prestige 128Plus is your complete solution for ISDN applications such as corporate Internet Access, LAN-to-LAN connection, Telecommuting, and Remote Access.

ISDN Network Compatibility

- For North America: Supports AT&T ESS, Northern Telecom® DMS-100, and Siemens® EWSD, Supports IOC capability package "S" and EZ-ISDN-1
- For Europe and Asia: Supports DSS1, 1TR6, INS-NET64 and Taiwan DGT switches*
- ISDN BRI (Basic Rate Interface)-two 64 Kbps B channels
- Standard BRI S/T interface or U interface
- ISDN Leased Line and 128K
- ISDN supplementary service: call waiting, call forwarding, three way conference

Internet Access

- Dial-on-Demand and Bandwidth-on-Demand provides flexible bandwidth when needed
- BACP for dynamic bundling of the B channels
- Supports Stac® Data Compression
- The ideal high-speed Internet access solution for SOHO and branch office. Over two times faster than 56 Kbps modems
- Prestige's Single User Account (SUA)/Network Address Translation (NAT) enables multiple users to access the Internet simultaneously while paying for one single IP address from the Internet Service Provider
- Multiple Single User Account (SUA)/Network Address Translation (NAT): Access the Internet and the corporation's network at the same time with SUA and dynamic IP address assignment, also provides a way to store a backup configuration for an Internet account

LAN-to-LAN Connectivity

- PPP/MP
- Multi-protocol Routing: IP and IPX®
- Transparent Bridging
- RIP-2: support for authentication, routing domains, external route tags, next hop addresses, and multicasting
- "Spoofing" saves ISDN connection costs
- Compatible with Ascend, Cisco®, and other ISDN routers
- Complete VPN solution with PPTP technology

Remote User Support

- Provides dial-up support for network access via ISDN
- Allow two simultaneous connections to two different locations
- Remote users can use Windows 95/NT or any PPP package

Network Management and Control

- Menu driven user interface for easy network management
- Local and remote console via Telnet
- Integrated SNMP (Simple Network Management Protocol) provides the ability to monitor usage and troubleshoot from corporate site
- DHCP (Dynamic Host Configuration Protocol) server easily configure and manage to IP address for DHCP client, Windows 95/NT on the LAN
- Call Detail Records feature provides efficient tracking of incoming and outgoing calls
- Call Control Management: Black List, Call Budget, Call History
- Prestige Web Configurator (PWC) for easy installation and configuration
- Supports ZyXEL Network Operating System (ZyNOS) which provides high level flexibility for configuration operations
- Flash EPROM for easy firmware upgrades

Robust Security Features

- RADIUS (Remote Authentication Dial-in User Service) allows an RADIUS Server to authenticate the Remote Dial-in user incoming calls to Prestige
- Password Protected System Management Terminal
- PAP (Password Authentication Protocol)
- CHAP (Challenge Handshake Authentication Protocol)
- Caller ID
- MSCHAP
- Call-Back with Password Protection
- Firewall Filtering for controlled access to and from your network

Physical Interfaces

- ISDN BRI S/T or U interface
- Ethernet LAN connection: 10 Base-T and AUI
- Two Analog Ports for connecting modems, fax machines, and other analog devices
- RS-232 Interface for local configuration and management

*Prior to purchase, please contact your local dealer/distributor for the correct version to ensure compatibility with the ISDN switches in your area.
US FCC and European CE approved. Specifications are subject to change without notice.
All trademarks are the property of their respective owners.

ZyXEL Communications Corp.

6 Innovation Road III, Science-Based Industrial Park
Hsinchu, Taiwan 300, R.O.C.

Phone: 886-3-5783942 • Fax: 886-3-5782439

E-mail: sales@zyxel.com.tw, support@zyxel.com.tw

ZyXEL
Total Internet Access Solution

ZyXEL Communications, Inc.

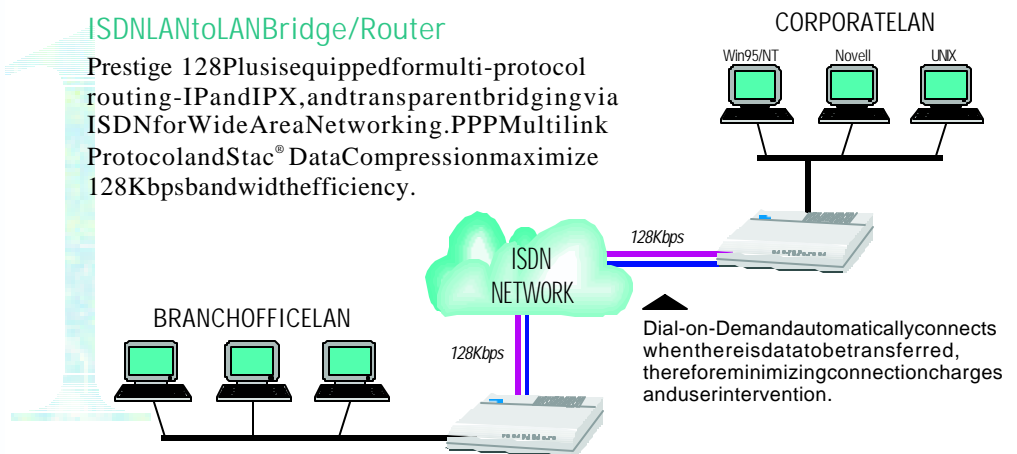
4920 E. La Palma Avenue, Anaheim, CA 92807
Toll-free: 1-800-255-4101 • Fax: 1-714-693-8811
E-mail: sales@zyxel.com, support@zyxel.com

Prestige 128Plus

ISDN Bridge/Router Applications

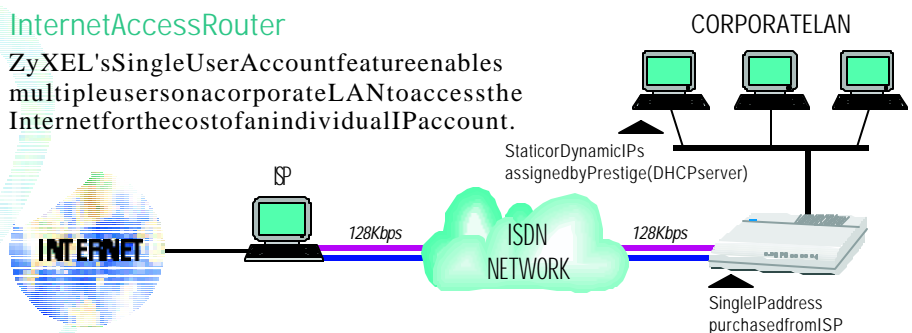
ISDN LAN to LAN Bridge/Router

Prestige 128Plus is equipped for multi-protocol routing-IP and IPX, and transparent bridging via ISDN for Wide Area Networking. PPP Multilink Protocol and Stac® Data Compression maximize 128Kbps bandwidth efficiency.



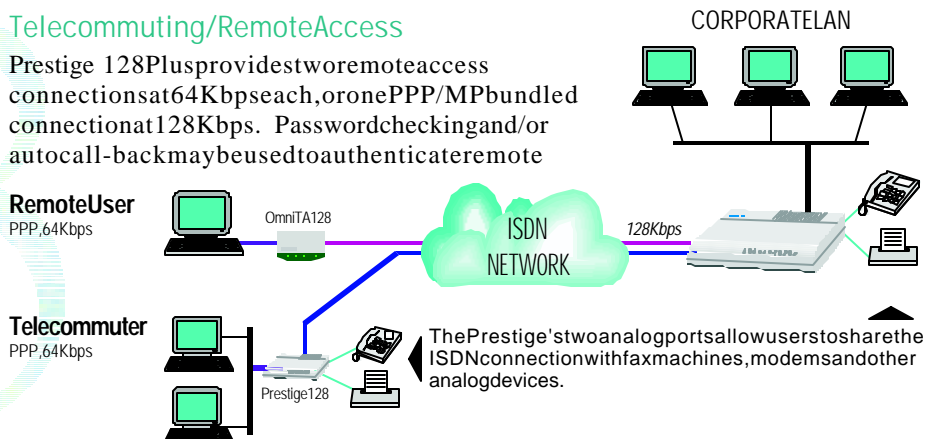
Internet Access Router

ZyXEL's Single User Account feature enables multiple users on a corporate LAN to access the Internet for the cost of an individual IP account.



Telecommuting/Remote Access

Prestige 128Plus provides two remote access connections at 64Kbps each, or one PPP/MP bundled connection at 128Kbps. Password checking and/or auto call-back may be used to authenticate remote



ZyXEL

TOTAL INTERNET ACCESS SOLUTION

<http://www.zyxel.com>

