



High Performance and Cost Competitive ISDN TA

The ZyXEL Omni.Net Lite is a high-performance and cost competitive ISDN terminal adapters and designed for home, SOHO, and telecommuters. It delivers speeds up to 230.4Kbps by a high-speed DTE interface.

Benefits

Easy Installation and Operation

Users can set up and install the device within 15 minutes with Omni.Net Lite Utility. Omni.Net Lite comes with a suite of Internet software and powerful features on analog ports, allowing users to make or receive calls while surfing the website.

High Speed Internet Access

With a feature set unlike other terminal adapters and modems currently on the market, Omni.Net Lite provides 230.4Kbps speed in accessing the Internet.

Easy Firmware Upgrade via Data Port

No need to replace equipment to keep up with today's rapidly changing communications technologies. The Omni.Net Lite's firmware upgrade feature, allowing users to download the latest features via Data Port by using ZyXEL's Utility or AT Command.

Universal Compatibility

The Omni.Net Lite supports PPP Multilink Protocol that connects you with ISDN devices from other manufacturers at full bandwidth of up to 128Kbps. Bandwidth Allocation Control Protocol (BACP) provides added flexibility through the PPP Multilink Protocol. Bandwidth On Demand automatically bundles the two B channels with the help of BACP, which evaluates data traffic and automatically adds and drops the second B channel as needed. In addition, it is compatible with all popular operating systems including Windows 95/98/NT/ME/2000/XP.

ISDN S/T Interface
128Kbps MLP PPP and
Dynamic Bandwidth
Allocation
Firmware Upgradeable via
Data Port
Two Analog Interfaces with
Caller ID Support
Front Panel Switch for Quick
Connection



ISDN TA

OMNI.NET
LITE

Specifications

System Specifications

ISDN S/T Interface

Switch Compatibility : EURO ISDN DSS1

Rate Adaption : V.120, V.110, X.75

S/T interface

- Comply with I.430
- Line Code: AMI Modified
- One RJ-45 Port
- Point-to-Point
- Short Passive Bus

Data Interface

- RS-232 Data Rate: Up to 230.4 Kbps
- Dialing Interface: AT Command, DTR Assertion, Power-on Assertion, Auto Redial On/Off
- Data Protocols: Async-to-Sync PPP and Multilink PPP, V.120, X.75

- Dynamic Bandwidth Allocation (Multilink PPP)
- BACP and BAP (Multilink PPP)
- PAP and CHAP with ISP Server

Analog Port

- 2 RJ-11 Ports
- Dialing: DTMF(PB) or Pulse
- Polarity Reversal
- Caller ID Interface
- MSN
- Keypad Protocol Support
- Internal Calls
- Selectable Overlap/Enbloc Sending
- Configuration by Tone Command
- Prioritized Port Selection for Incoming Calls
- Prioritized B-channel Selection for Outgoing Calls

- Call Bumping for place and answer a voice call

Supplementary Services

- Call Hold/Retrieve
- Call Waiting
- Call Transfer
- Call Forwarding
- Three Way Conference
- Multiple Subscriber Number (MSN)
- Calling Line Identification Presentation (CLIP)
- Calling Line Identification Restriction (CLIR)

Physical Specifications

Functions Listing

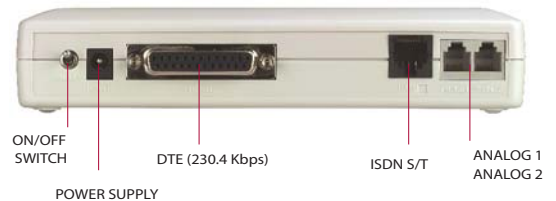
Comment

LED Indicators	PWR, LNK, B1, B2, AA, DTR, TX, RX, Phone 1, Phone 2
Power Jack	Connect power adapter
Power Requirements	16V AC
Serial Port	DB-25, Female
ISDN Port	Connect to ISDN via RJ-45
Telephone Port	2 RJ-11 ports
Operating Requirements	Temperature: 0°C to 40°C Humidity: 5 to 90% (non-condensing)
Dimensions	129 (L) X 180 (D) X 35 (H) mm

System Requirement

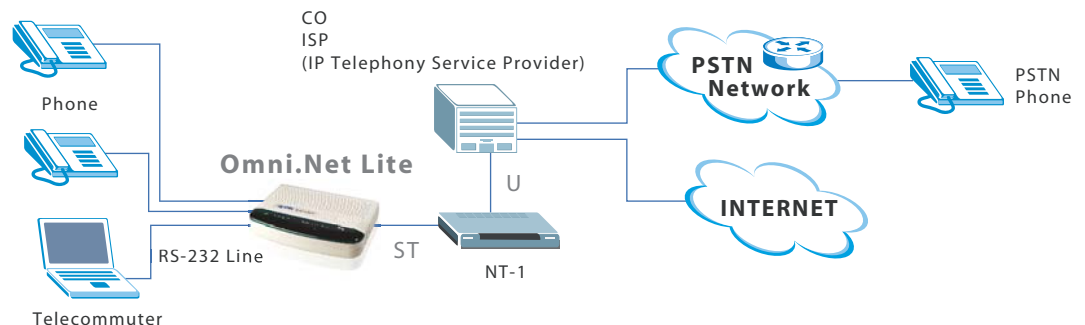
- PC which is equipped with RS232 port
- PPP/MLPPP capable service provider
- Microsoft Windows 95/ 98/ NT/ ME/ 2000/ XP

Omni.Net Lite Rear Panel Connectors



Applications for the Home and Office

- Internet Access
- Remote LAN Access
- Telecommuting
- Video Teleconferencing
- Digital Imaging
- ISDN Line Diagnostics



For more product information, visit us on the web www.ZyXEL.com

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