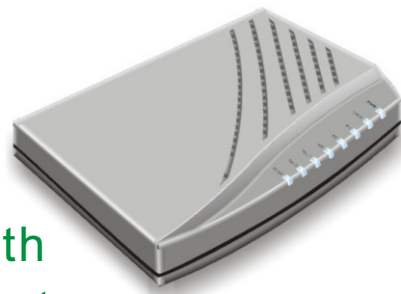


# JDN22R



## JDN22R (ISDN NTApplus USB) with Internet Access, POTS, and Remote Powering/ Management

JDN22R supports the analog POTS ports, Internet access, USB and Remote management functions. It provides a complete solution for data and voice communication for SOHO at a minimal equipment investment cost. Its low power consumption can survive at remote powering condition. Remote F/W upgrade and configuration minimize the maintenance expense of telephone companies.

### Key Features

#### Internet Access

It supports the high speed Internet access by Async-to-Sync PPP (or Multilink PPP) conversion. Bandwidth management schemes are supported. Support USB or RS-232.

#### Telephone Ports

There are 2 analog ports for telephone sets, answering machines, FAX machines or PBX. Advanced features are supported for the analog ports, such as Call Waiting, Hold, Transfer, 3-party conference, and internal calls.

#### Remote Management

Remote F/W download make it possible to upgrade the service and function. Remote Configuration can also reduce the maintenance expense.

#### Survival at Line Power

Telephone can operate at line power condition for emergence while local power failure.

## Specification:

### Network Connection

- ISDN U Interface
- Comply with ETSI ETR 080
- Line Code: 2B1Q, Echo Cancellation
- Switch Compatibility: EURO ISDN DSS1
- Connector: RJ11 (RJ12)

### S/T Interface Drop

- Comply with I.430
- Connector: Two, RJ45
- Support Point-to-Point, Short Passive Bus
- Power Source 1: Normal Mode (Max 4 Watts), and Programmable at Remote Power Mode.

### DATA INTERFACE (V.24, USB)

- Connector: DB9, USB Type B
- Compatible with USB Spec 1.1
- RS-232 Data Rate: Up to 230.4 Kbps
- Plug & Play Support
- Dialing Interface: AT Command, DTR Assertion
- 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 PORTS

- Port Number: 2
- Connector: RJ11 (Rj12)
- Dialing: DTMF (PB) or Pulse
- REN: 2
- Polarity Reversal (Optional)
- Caller ID Type I and Type II Support
- MSN
- Keypad Protocol Support
- Internal Calls
- Selectable Overlap/Enbloc Sending
- Configuration by Tone Command
- Prioritized Port Selection for Incoming Calls
- Supplementary Services: CLIP/CLIR, Call Hold, Waiting, Transfer, 3-party Conference, Forwarding

### FIRMWARE UPGRADEABLE

- F/W Upgraded Easily via Data Port
- Loaded by X-Modem, No OS Platform Constrain
- Remote F/W Upgrade

### CONFIGURATION

- GUI Configuration S/W Support
- Configuration via Data Port
- Remote Configuration via ISDN Network
- Telephone Sets

### G3 FAX (OPTIONAL)

- Compatible with RVS-COM Fax Software
- Work with Group 3 Fax Machines

### DISPLAY (LED)

- Power
- Line
- Ports Status (Telephone and Data)
- 128Kbps
- USB



#### POWER

- AC Input: 100V~240V AC
- Remote Power Feeding
- Power Consumption: < 8 Watts at Fully Operation,  
< 1.8 Watts for Voice Connection at Remote Power Operation

#### ENVIRONMENTAL AND SAFETY

- Operation Temperature: 0 ~ 40 °C
- Relative Humidity: 10 ~ 90% Non-condensing
- Comply with CISPR 22
- Comply with IEC 950

#### PHYSICAL

- Dimension: 178mm (W) x 136mm (D) x 35mm (H)
- Weight: < 700g (including AC adapter)
- Suitable for Installation on Desktop, Wall-Mount

## Ordering information

MODEL	DESCRIPTION
JDN22RU	ISDN NTApplus(USB) with Internet Access, POTS, and Remote Powering/ Management

