

NetHopper Series

NH-P DIAL-UP ROUTER



MODEM CONNECTIONS FOR WAN

- **Connect LAN to LAN over POTS lines (Plain Old Telephone Service)**
- **Connect LAN to Internet over POTS lines**
- **Five minute installation**
- **Easy-to-use, menu-driven user interface**
- **Comes with all the cables you need for installation**
- **Simultaneous dial-on-demand routing of TCP/IP (Internet) & IPX (NetWare™) traffic**
- **No limit on number of LAN users**
- **Protocol spoofing minimizes telephone charges**
- **Interoperates with all popular modem-equipped, dial-up routers**
- **Firewall filtering for TCP/IP and IPX packets**
- **Login authentication using CHAP or PAP**
- **Standards based data compression using V.42bis**
- **Local/Remote network management via SNMP & Telnet**
- **Software download via FTP**
- **Autosensing Ethernet interface (AUI & 10BASE-T)**
- **Integrated Rockwell V.34 modem for connections via POTS lines**
- **Stackable, fanless case**
- **Two year hardware warranty**

Use the NetHopper™ NH-P to build dial-on-demand LAN to LAN connections between offices, or to provide a dial-on-demand connection to the Internet. When constant connectivity isn't required, the NH-P™ is cheaper to run than leased-line routers, and is often easier to use.

The NH-P provides true network layer routing for the two most popular remote office protocol suites, TCP/IP

and Novell NetWare. The NetHopper's firewall filters and login authentication secure your LAN from unwanted intruders.

The NH-P also includes link optimization features designed to minimize connect time (and your phone bill). These features include protocol spoofing (to keep unnecessary packets off the WAN), time quotas on the modem (connect time allowed per day) and daily logs (for managing WAN usage).

The modem can be configured for dial-in, dial-out, or both, and Rockwell modem technology ensures interoperability with remote devices. V.42bis compression boosts data rates up to 115 Kbps.

A leading supplier of network routers and LAN adapters, Osicom is well known for high-quality technology products.

Leveraging Osicom's expertise in network and software technologies, the NetHopper Series provide router solutions for the future.

NetHopper Series

NH-P DIAL-UP ROUTER

DIAL-UP

- SmartRoute™ dial-on-demand routing networking

NETWORKING

- TCP/IP routing
- Novell NetWare routing
- PPP (RFCs 1332, 1334, 1549, 1661)
- RIP (RFC 1058)
- TCP header compression (RFC 1144)

SECURITY

- Firewall filtering for IP and IPX packets
- Login authentication: CHAP or PAP

NETWORK MANAGEMENT

- RS-232C local console port (DB9)
- Telnet server for in-band management
- FTP server for software download via network
- SNMP agent supporting MIB-2, Novell IPX MIB, IP filter MIB, IPX filter MIB, standard traps and enterprise traps (RFCs 1442, 1445, 1448, 1450)

MODEM INTERFACE

- Integrated Rockwell V.34 modem at 28.8 Kbps
- Programmable auto-dial or auto-answer with timed retry, timed line drop
- Protocols: V.34, V.42/MNP 2-4 error correction, V.42bis/MNP 5 data compression
- RJ-11 female connector

ETHERNET INTERFACE

- Ethernet Interface
- 10 Mbps autosensing Ethernet interface
- AUI: DB15 female
- 10BASE-T: RJ-45 female

CABLES INCLUDED

- V.34 modem: RJ-11 male to RJ-11 male
- Console: DB9 female to DB9 female
- Console cable adapter: DB9 male to DB25 female

PRODUCT SPECIFICATIONS

Status Indicators

Onboard LEDs indicate board status:
System: Power Status, Error Status
Ethernet: Link Status, Network Activity
Modem: DCD (modem data carrier detect), DTR (modem data terminal ready), Transmit Data, Receive Data
1MB, upgradeable to 16MB using standard SIMMs

Memory

Certifications

FCC, UL, Ind. Can.

Power

2A, 120/250V (60Hz), external

Size

25.4 x 19.8 x 6.1 cm (10 x 7.8 x 2.4")

Weight

1.64 kg (3.65 lb)

Environment

Operating temperature:

0°C/32°F to 50°C/122°F

Storage temperature:

-25°C/-13°F to 80°C/176°F

Humidity: 10% to 90% (non-cond.)

Altitude: -100 to 15,000 feet

Warranty

2 years for hardware (parts & labor)
90 days for software
Extended warranty and service plans are available from authorized Osicom resellers.

MODEL

- NH-P Dial-Up Router
V.34 modem, AUI and 10BaseT Ethernet, P/N 117203

Each package includes a NetHopper, cables, SmartRoute software, and one set of user documentation.

