

# **Second Ethernet Adapter Module *Supplement***

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# Using the Second Ethernet Adapter Module

This document supplements your *Installing an Adapter Module in a BayStack AN or ANH Router* guide, which also ships in your upgrade kit.

Follow the hardware installation steps in the *Installing an Adapter Module* guide, referring to this document for information specific to the Second Ethernet adapter module. Information in this supplement includes:

- “Verifying Router Requirements” on page 1
- “Attaching Cables” on page 2
- “Completing Software Configuration” on page 3
- “Interpreting LEDs” on page 4

## Verifying Router Requirements

Table 1 shows the minimum boot and diagnostic programmable read-only memory (PROM) code required for the Second Ethernet adapter module.

**Table 1. PROM Boot and Diagnostic Code Requirements**

Code Type	Minimum Version	Directory	File Name
Boot	9.00	an_proms	anboot.exe
Diagnostic	7.20	an_proms	anddiag.exe

For information about upgrading PROM code, see the BayRS™ *Upgrading Routers* guide.

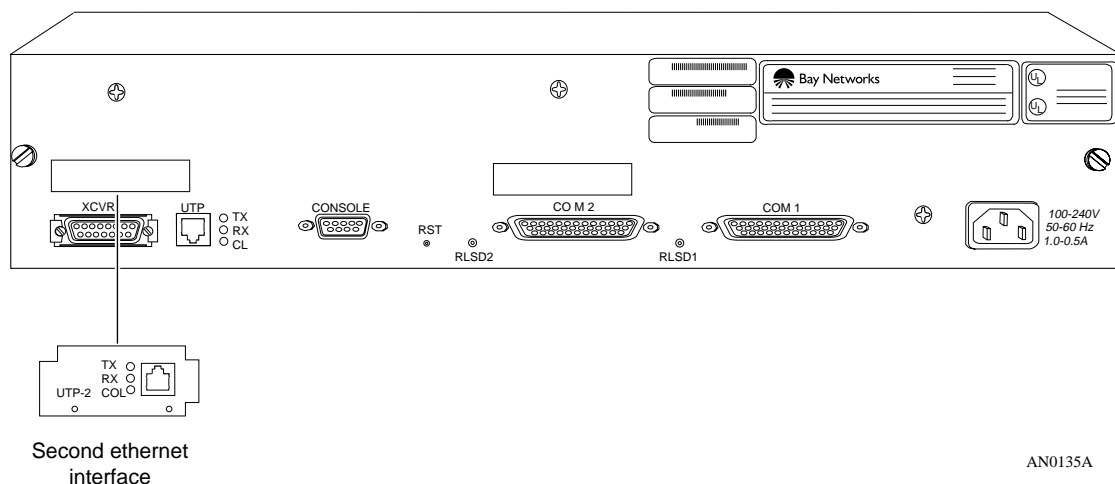
## Attaching Cables

Connect the LAN UTP cable to the receptacle connector on the Second Ethernet adapter module.

You install the Second Ethernet adapter module in an open adapter module slot on the router, as follows:

- AN® or 12-port ANH™ -- the back-panel adapter module slot (Figure 1)
- 8-port ANH -- the back-panel COM3 slot (Figure 2)

See *Installing an Adapter Module in a BayStack AN or ANH Router*.



**Figure 1. AN or 12-Port ANH ISDN BRI Adapter Module**

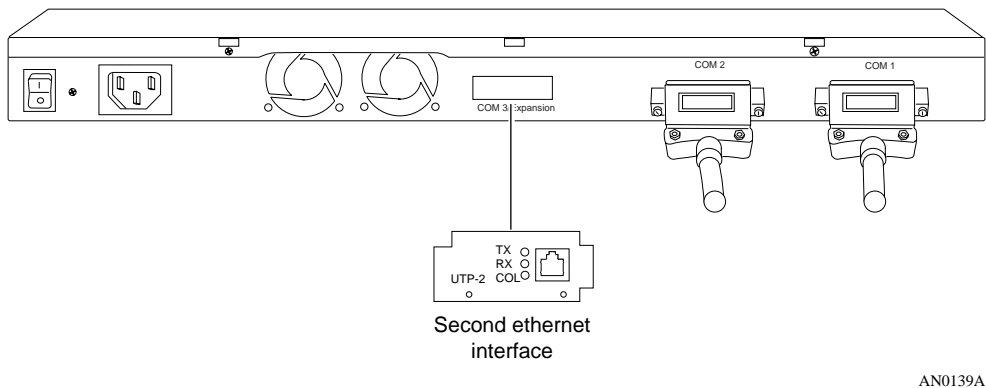


Figure 2. 8-Port ANH Second Ethernet Adapter Module

## Completing Software Configuration

Once you have successfully installed the Second Ethernet adapter module, complete the following software configuration tasks using instructions found in your BayRS documentation.

Configuration Task	Location of Instructions
Modify the router configuration file to add the Second Ethernet adapter module.	Any of the following: <ul style="list-style-type: none"><li>• <i>Configuring and Managing Routers with Site Manager</i></li><li>• <i>Using the Bay Command Console</i></li><li>• <i>Configuring Your Router Using the Quick2Config Tool</i></li></ul>
Connect the router to the network.	Either of the following: <ul style="list-style-type: none"><li>• <i>Installing and Operating BayStack AN and ANH Routers</i></li><li>• <i>Configuring BayStack Remote Access</i></li></ul>
Configure Ethernet line services.	<i>Configuring Ethernet, FDDI, and Token Ring Services</i>

For the latest information, be sure to review the *Release Notes* and *Documentation Changes* for your version of BayRS software.

## Interpreting LEDs

Table 2 describes the LEDs for the Second Ethernet adapter module, located to the left of the connector (refer to Figure 1 or Figure 2).

**Table 2. Second Ethernet Interface Adapter Module LEDs**

LED	Meaning
TX (Transmit)	Lights when the AN/ANH is transmitting data over the network.
RX (Receive)	Lights when the AN/ANH is receiving data from the network.
CL (Collision)	Lights when the AN/ANH detects a collision on the network.

These LEDs will blink on and off during diagnostic testing, but they will not stay on to indicate data transfer until you have configured the Ethernet interface.