Modems

The Cisco 1020 supports two types of modems, a PCMCIA Type-2 modem in the Async 2 slot, and an external modem connected to the Async 1 console port. The PCMCIA modems are listed alphabetically by manufacturer.

PCMCIA Modems

The PCMCIA modems in Table E-1 have been verified for use with the Cisco 1020.

Table E-1   **Verified PCMCIA Modems**

Manufacturer	Model	Speed
AT&T	KeepInTouch	14.4/V.32bis
DSI	Scout 144DF	14.4/V.32bis
Hayes	Optima 14.4	14.4/V.32bis
Intel	Satisfaction	14.4/v.32bis
Megahertz	XJ1144	14.4/V32bis
Newcom	14,400pcm	14.4/V.32bis
Practical	PC288T2E2	28.8/V.34
Premax	PCMCIA 14.4	14.4/V.32bis
TDK	DF1414	14.4/V.32bis
	DF2814	28.8/V.FAST
US Robotics	Sportster	14.4/V.32bis
	Sportster 28.8	28.8/V.34

Manufacturer	Model	Speed
ZOOM	ZPCMCIA14.4C	14.4/V.32bis

External Modems

Most external modems will operate with the Cisco 1020.

Modem Tips

We recommend any reputable vendor of V.32bis and V.34 modems. For best results, the modem should be configured to:

- Lock DTE rate at 115.2k or as high as it can operate reliably

- Raise DCD when it senses carrier (usually &C1)

- Reset itself when DTR is dropped (usually &D3, sometimes &D2)

- Use hardware flow control (RTS/CTS)

- For use with dial-in, set S0=1 to answer the phone

Many V.Fast modems only seem to talk reliably when both modems are from the same vendor, and are not recommended. We recommend using V.32bis or V.34 modems with the Cisco 1020.