

There are many possible ways to construct and install this circuit. Here are some ideas:

- remove the modem and prototype a small PCB that sits in its place. It should be possible to use the modem header and a circuit similar to this one to provide two serial ports. Since the modem is removed, cut all traces leading to the RJ-11 jacks. Wire TX/RX/GND to the jacks for simple no flow control serial ports with no case modifications. Alternately, make cutouts somewhere in the case (RAM expansion door possibly) and run small wires to the DB-9 jacks. It would also be possible to remove the RJ-11 jacks entirely and with minimal modifications position a DB-9 jack where the RJ-11 jacks once were.
- construct the circuit on a small PCB and mount it to the back of the RAM expansion door. It should be possible to make a cutout for a DB-9 connector in the expansion door. A small 2mm 10-pin cable could be used to connect to CN12.
- mount the PCB anywhere inside of the case and run small wires out the two points where the stand clips in to the rear plastic/RF shield. Mount DB-9 plugs in the light gray plastic strip of the stand mount with the stick-on logo (possibly remove the logo?).

