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 ==================== AC'97/MC97 summary ==========================
 Any of the Controllers in the left most column could support
 a variety of subSystem soft modems.
 Hence the current ambiguity in possible support by drivers under Linux

VendorID:DeviceID               Controller type
     PCI_ID
   ---------- ---------------------------------------
    8086:2416 82801AA ICHAA >           + a p c .
    8086:2426 82801AB ICHAB >           + a .
    8086:7196 82440 Banister>           + a  .
    8086:2446 82801BA ICH2 >            + a p c .
    8086:2486 82801CA/CAM AC'97 ICH3 >  + a p c i .
    8086:24c6 82801DB ICH4 >            + a   c i b .
    8086:24d6 82801EB ICH5 >            +       i .

    1039:7013  SIS 630 >                + a p   i .
    1039:7018  SIS 960 >                +       i .
    10de:01c1  Nvidia Corp >            +       i .
    1106:3068  VIA >                    + a p c i .
    1022:7446  AMD AC_LINK >            + .
    10b9:5453  ALI 5453 >                   p c .
    10b9:5457  ALI 5457 >               +   p c i .
    e159:0001  TigerJet >                       i .
    1002:434d  ATI >                            i .
    1543:3052  SI3052 >                         i .
  ------------------------------------------------------
  p   http://pctelcompdb.sourceforge.net/
  c   Conexant - http://www.linuxant.com
  +   SmartLink - http://www.smlink.com
  i   Intel - http://www.intel.com
  b   Broadcom
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 If the Primary and Subsystem Vendor information was not adeqaute,
 it may be useful to search at  http://www.pcidatabase.com/


  ------------------------------------------------------
  The System has Ethernet capability. If not expert,
  shut down ethernet before initiated modem usage with:
  # ifconfig eth0 down



 Within /lib/modules/You_Kernel_Version/kernel/drivers/net/
 at least the following modules needed for communication should be found
   ppp_deflate.o
   zlib_inflate.o
   zlib_deflate.o
   bsd_comp.o
   ppp_async.o
   ppp_generic.o
   slhc.o
 BUT they may be present instead as ModuleName.o.gz
 If so unpack them with a commands like:
   # gzip /lib/modules/You_Kernel_Version/kernel/drivers/net/ModuleName.o.gz
 Alternatively, installing the dialer package KPPP may force their unpacking.
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 Following a dialout attempt, display loaded modules with:
# /sbin/lsmod
 If there are not displayed lines like:

ppp_deflate             3512   1  (autoclean)
zlib_inflate           18980   0  (autoclean) [ppp_deflate]
zlib_deflate           18648   0  (autoclean) [ppp_deflate]
bsd_comp                4440   0  (autoclean)
ppp_async               7744   1  (autoclean)
ppp_generic            16380   3  (autoclean) [ppp_deflate bsd_comp ppp_async]
slhc                    5264   1  (autoclean) [ppp_generic

addition of the following lines to /etc/modprobe.conf or /etc/modprobe.conf.d/ folders
may be needed:

### automate ppp modules loading ###
alias /dev/ppp          ppp_generic
alias char-major-108    ppp_generic
alias tty-ldisc-3       ppp_async
alias tty-ldisc-14      ppp_synctty
alias ppp-compress-21   bsd_comp
alias ppp-compress-24   ppp_deflate
alias ppp-compress-26   ppp_deflate
### end ppp block ####

 After any edit of /etc/modprobe.conf or /etc/modprobe.conf.d/ folders ,
 inform the System by logging into a console with
 # su - root
 and running the update command:
 #  depmod -a
 which re-reads /etc/modules.conf and parses all the modules dependencies.
 Debian like Distros should instead use:
   update-modules


  Attempted of effective networking links are displayed by command:
  #  /sbin/ifconfig
  A block with "lo" is an internal loopback test and harmless.
  However, ethernet "eth0" can be problematic for PPP connections,
  because of competition for DNS (domain name service).
  The default is to use the DNS specified for etherenet and
  without expert configuration, this will block browser naviagation through PPP.
  ========== ifconfig test =============
  eth0      Link encap:Ethernet  HWaddr 00:11:2F:72:88:02
lo        Link encap:Local Loopback

  If is wisest to disable bootup establishment of ethernet in your Control Center.
  Depending on your Linux distribution,
      one of the following Root commands way alternatively be effective:
  # ifdown eth0
  # ifconfig eth0 down
  # /etc/init.d/network stop
  # /etc/init.d/networking stop
```