

FreeBSD

Ethernet Interfaces

Linksys: EC2T/PCMP100/PCM100, PCMLM56, EG1032 (32-bit PCI), EG1064 (64-bit PCI), EG1032, EtherFast 10/100 PC , Combo PCMCIA Ethernet Card (PCMP100 V2), LNE100TX (PNIC 82c168, 82c169), LNE100TX v2.0 (PNIC II 82c115), LNE100TX v4.0/4.1 (ADMtek AN985 Centaur-P), USB100M, USB10T, USB10T (AN986), USB10TA, USB10TX, USB100TX, USB100H1, USB200M

Longshine: LCS-8038TX-R

MACNICA: Ethernet ME1 (JEIDA), ME98, NE2098

Macronix/Lite-On: 98713, 98713A, 98715, 98715A, 98715AEC-C, 98725, 98727, 98732, 82c115 PNIC II, 82c168 and 82c169 PNIC

Matrox FastNIC: 10/100 (PNIC 82c168, 82c169)

MELCO: EGY-98, LGH-98, LGY-98, LGY-98-N, IND-SP, IND-SS, LGY-PCI-TR, LGY-PCI-TXC, LGY-PCI-TXL, LPC-T/LPC2-T/LPC2-CLT/LPC2-TX/LPC3-TX/LPC3-CLX, LUA-TX, LUA2-TX

Microsoft: MN-120 10/100, MN-130 10/100 PCI

Myson: MTD800, MTD803, MTD89X PCI Gigabit Ethernet chip

NDC: NE100TX-E, Ethernet Instant-Link, SOHOware SFA110A (98713A), SOHOware SFA110A Rev B4 (98715AEC-C)

NEC: Gigabit Ethernet, PC-9801-107, PC-9801-108 , PC-9801-77, PC-9801-78, PC-9821Ra20, Rv20, Xv13, Xv20, , PC-9821X-B06 , SV-98/2-B05, B06

Netgear: EA101, FA120, FA310-TX Rev. D1, D2 or D3 (PNIC 82c169), FA311-TX (DP83815), FA312-TX (DP83815), FA-410TX, FA511, GA302T (10/100/1000baseTX), GA620, GA620T, GA621, GA622T

Novell: NE1000, NE2000, NE2100, NE2100, NE32-VL

Olicom: OC-2135/2138 10/100 TX UTP, OC-2325/OC-2326 10/100 TX UTP, OC2220

OvisLink: LEF-8129TX, LEF-8139TX

PLANEX COMMUNICATIONS Inc.: GN-1200TC (8169S), EN-2298-C, EN-2298P-T, EN-2298-T, ENW-8300-T, FNW-3600-T, FNW-3602-T, FNW-3800-TX, UE-200TX

RACAL Interlan: NI5210

Racore: 8148 10baseT/100baseTX/100baseFX, 8165 10/100baseTX

RATOC: REX-5588, REX-9822, REX-4886, and REX-R280, REX-9880/9881/9882/9883

RealTek: 8029, 8039

Si: 630, 635, and 735 (chipsets), SK-9521 SK-NET GE-T , SK-9821 SK-NET GE-T, SK-9822 SK-NET GE-T, SK-9841 SK-NET GE-LX, SK-9842 SK-NET GE-LX, SK-9843 SK-NET GE-SX, SK-9844 SK-NET GE-SX

SMC: 2102USB, 2104USB, 2202USB, 83c17x (EPIC), 9452TX, Elite Ultra, EtherEZ98, Etherpower 8432, 9332, 9334, EZ Card 10/100 1233A-TX, EZ Card 10/100 PCI 1211-TX, EZ Card 1000 (SMC9462TX), TigerCard 1000 (SMC9462SX), WD8003E, WD8003EBT, WD8003S, WD8003SBT, WD8003W, WD8013EBT, WD8013(W)

Sun: PCI Quad FastEthernet Controller, PCI Sun100BaseT , PCI SunSwift, SBus Quad FastEthernet Controller, SBus Sun100BaseT, SBus SunSwift

Surecom: EtherPerfect EP-427, NE-34, Technology EP-320G-TX

SysKconnect: SK-9D21 (10/100/1000baseTX), SK-9D41 (1000baseSX)

TDK: LAC-98012, LAC-98013, LAC-98025, LAC-9N011, LAK-CD021, LAK-CD021A, LAK-CD021BX, LAK-CD031, Grey Cell GCS2000

Trendware: TE100-PCIE, TEG-PCITX (32-bit PCI) and TEG-PCITX2

Ungermann-Bass: Access/PC N98C+(PC85152, PC85142), Access/NOTE N98(PC86132) (110-pin)

VIA: VT86C926

Winbond: W89C940

Xircom: Cardbus Ethernet 10/100, Cardbus Ethernet II 10/100, Cardbus Realport, CreditCard 10/100 (CE3, CE3B), CreditCard Ethernet + Modem 28 (PS-CEM-28), CreditCard Ethernet + Modem 33 (CEM33), CreditCard Ethernet (PS-CE2-10), CreditCard Ethernet 10/100 + Modem 56 (CEM56), RealPort Ethernet 10/100 + Modem 56 (REM56, REM56G), RealPort Ethernet 10/100 (RE100), RealPort Ethernet 10 (RE10), X3201 (cardbus only)

Additional Information

Only the most common network adapters and chipsets are listed. The list also contains USB network adapters. Network adapters for WLAN are listed on a separate flyer.

Notice:

Nearly all Network Interface Cards (PCI, ISA and USB) require the mii bus driver. NICs based on the Realtek RTL8029 or RTL8039 chip sets often cause problems.

Since FreeBSD 5.x NICs may be driven with Windows drivers using the so-called NDIS wrapper

FreeBSD 5.x, i386: 32-bit systems, but not amd64 or EM64T!

FreeBSD 6.x: The NDIS wrapper works with Windows x86-64 drivers on amd64. Please note that some Ethernet devices ((PCI and USB) need the mii bus-driver!



3Com: 3c19250, 3C1 CF, 3C3SH573BT, 3C575TX, 3CCFE575BT, 3CXFE575BT, 3CCFE575CT, 3CXFE575CT, 3CCFEM656, 3CCFEM656B, and 3CCFEM656C, 3CXFEM656, 3CXFEM656B, 3CXFEM656C, 3c450, 3c460 HomeConnect, 3c503 Etherlink II, 3C507, 3C509B-TP, 3C509B-BNC, 3C509B-Combo, 3C509B-TPO, 3C509B-TPC ISA, 3C509-TP, 3C509-BNC, 3C509-Combo, 3C509-TPO, 3C509-TPC ISA, 3C529, 3C529-TP MCA, 3c555, 3c556, 3c556B, 3C562/3C563 PCMCIA, 3C569B-J-TPO, 3C569B-J-COMBO CBUS, 3C574-TX, 3CCFE574BT, 3CXFE574BT, 3C3FE574BT PCMCIA, 3C579-TP, 3C579-BNC EISA, 3C589, 3C589B, 3C589C, 3C589D, 3CXE589DT PCMCIA, 3c590 EtherLink III PCI, 3c592 EtherLink III EISA, 3c595 Fast EtherLink III PCI, 3c597 Fast EtherLink III EISA, 3c900B-COMBO, 3c900B-FL, 3c900B-TPC, 3c900B-TPO, 3c900-COMBO, 3c900-TPO, 3c905B-COMBO, 3c905B-FX, 3c905B-T4, 3c905B-TX, 3c905C-TX, 3c905-T4, 3c905-TX, 3c905-TX, 3c905B-TX 3c905C-TX, 3c920B-EMB, 3C940, 1000baseT, 3c980, 3c980B, 3c980C, 3c985B-SX (Tigon 2), 3c996-T, 3CCFEM556B, 3CCFEM556BI PCMCIA, 3cR990B-SRV, 3cR990B-TXM, 3CR990SVR95, 3CR990SVR97, 3CR990-TX-95, 3CR990-TX-97, 3cSOHO100-TX, 3CXE589EC, 3CCE589EC, 3CXE589ET, 3CCE589ET PCMCIA, Megahertz 3CCEM556, 3CXEM556, 3CCEM556B, 3CXEM556B PCMCIA, Megahertz X-Jack Ethernet PC-Card CC-10BT, OfficeConnect 10/100B (ADMtek AN985 Centaur-P), OfficeConnect 3CXSH572BT, 3CCSH572BT PCMCIA

Abocom: FE2500, UFE1000, DSB650TX_NA, URE 450

Accton: ``Cheetah" EN1207D (MPX 5030/5038; RealTek 8139 clone), EN1217 (98715A), EN1644 (old model), EN1646 (old model), EN2203 (old model) (110pin) (flags 0xd00000), EN2212/EN2216/UE2216, EN2242 MiniPCI, Fast EtherCard-16 (EN2226), USB320-EC, SpeedStream

Adaptec: ANA-6944/TX, ANA-62011, ANA-62020, ANA-62022, ANA-62044, ANA-69011

Addtron: AEG320T

Adico: AE310TX (98715A)

ADMtek: AL981 Comet, AN985 Centaur, ADM9511 Centaur II, ADM9513 Centaur II, AN986, AN8511

ADS Technologies: USB-10BT

Alfa Inc: GFC2204 (ASIX AX88140A)

Allied Telesis: CentreCOM LA100-PCM_V2, LA-98, LA-PCI, RE1000, RE1000Plus, ME1500 (110-pin), SIC-98, SIC-98NOTE (110pin), SIU-98, SIU-98-D

Allied Telesyn: AT2500TX, AT2550

Alloy Computer Products: EtherGOLD 1439E 10/100 (8139C+)

Alteon: AceNIC V

AmbiCom: 10BaseT card

AMD: Am53C974, Am79C970, Am79C974 Pcnnet-PCI, Am79C970A PCnet-PCI II, Am79C971 Pcnnet-FAST, Am79C972 Pcnnet-FAST+, Am79C973, Am79C975 PCnet-FAST III, Am79C976 Pcnnet-PRO, PCnet/Home HomePNA

Aopen/Acer: ALN-320

AOX: USB101

Ark: PC SOHO-GA2500T, SOHO-GA2000T, AR-P500 Ethernet

Asante: FriendlyNet GigaNIX 1000TA/TPC, GigaNIX1000T, PCI 1000BASE-SX

ASIX Electronics: AX88140A, AX88141

AT&T: EN100, Starlan 10, Starlan Fiber

Bay Networks: NETGEAR FA410TXC Fast Ethernet

Belkin: F5D5000, F5D5005, F5U011, F5U111

Billionton: 10/100 FastEthernet USBKR2, USB100, USB100LP, USB100EL, USBE100

Broadcom: BCM4401 based Fast Ethernet adapters

Buffalo (Melco INC.) : LPC-CB-CLX, LUA-KTX, LUA-U2-KTX

Cnet: BC40, Pro110B (ASIX AX88140A), Pro120A (98715A or 98713A), CNet Pro120B (98715)

Cogent: EM100FX and EM440TX

Compaq: Evo N1015v, HNE-300, Netelligent 10, 10/100, 10/100 Dual-Port, 10/100 PC Card (CPQ-10/100), 10/100 ProLiant, 10/100 TX Embedded UTP, 10/100 TX UTP, 10 T PCI UTP/Coax, 3P, 3P Integrated, 3P w/BNC

Compex: Net-A adapter, RL100-TX (98713 or 98713A)

CompUSA no-name: 10/100 PCI Ethernet NIC

Conexant: LANfinity RS7112 (miniPCI)

Contec: C-NET(98), RT-1007(98), C-NET(9N), C-NET(98)E-A, C-NET(98)L-A, C-NET(98)P, C-NET(98)P2, C-NET(9N)E, C-NET(9N)C (ExtCard), C-NET(98)S, C-NET(PC)C PCMCIA Ethernet, C-NET(PI)-100TX

Corega: CG-LAPCIGT, Ether98-T, Ether FEther USB-T, FEther USB-TX, FEther USB-TXS, Ether PCC-T/EtherII PCC-T/FEther PCC-TXF/PCC-TXD, FastEther PCI-TX, FEther CB-TXD, FEtherII CB-TXD, FEther USB-TXC, USB-T

Davicom: DM9009, DM9100, DM9102 and DM9102A

DEC/Intel: 21143, DEC DE435, DE425, DEC DE450, DE500, DE305

Dell: integrated BCM5704C, BCM5700 NIC, BCM5703 NIC

Digital: DE500-BA 10/100, DEPCA, EtherWORKS 1000SX PCI

D-Link: DE-298, DE-298P, DE-650/660, DFE-500TX, DFE530-TX, DFE-530TX+, DFE-530TXS, DFE-538TX, DFE-550TX, DFE-570TX, DFE-690TXD, DGE-500SX, DGE-500T, DSB-650, DSB-650TX, DSB-650TX-PNA, DSB-650C, DUBE100, IC-CARD/IC-CARD+ Ethernet

Edimax: EP-4103DL CardBus

Eiger Labs: EPX-10BT

ELECOM: Laneed LD-CBL/TXA, Laneed LD-CDL/TX, LD-CDF, LD-CDS, LD-10/100CD, LD-CDWA (DP83902A), LD-98P, LD-BDN, LD-NW801G, LD-PCI2T, LD-PCITS, LD-USBL/TX

Elsa Microlink: USB2Ethernet

Encore: ENL832-TX 10/100 M PCI

Entrega: NET-USB-E45, NET-HUB-3U1E

Farallon: EtherMac PCMCIA, NetLINE 10/100 PCI, PN9000SX

Fujitsu: FMV-J182, FMV-J182A, MB86960A, MB86965A, MBH10303, MBH10302 PCMCIA, Towa LA501

Genius: GF100TXR

Gigabyte: 7N400 Pro2 Integrated Gigabit Ethernet (8110S)

Hewlett Packard: Vectra 486/66XM, Vectra XU, HP hn210e, PC Lan+ 27247B, 27252A, ProLiant NC7760 , NC7770 PCI-X , NC7781

HITACHI: HT-4840-11

IBM: Creditcard Ethernet I/II, EtherJet Cardbus Adapter, x235 server integrated BCM5703x NIC (10/100/1000baseTX)

ICM: AD-ET2-T, DT-ET-25, DT-ET-T5, IF-2766ET, IF-2771ET, NB-ET-T

Intel: EtherExpress 16, Pro/10, Pro/10+, Pro/100 PC Card Mobile Adapter 16 (Pro/100 M16A), InBusiness 10/100, PRO/100+ Management Adapter, PRO/1000 CT, PRO/1000 F (82543), PRO/1000 (82542), PRO/1000 GT(82541PI), PRO/1000 (82546), PRO/1000(82545), PRO/1000 (LX) (82545), PRO/1000 MT (82540), PRO/1000 MT (82541), PRO/1000 MT (82546), PRO/1000 MT (82546EB), PRO/1000 MT (82545), PRO/1000 T (82544), PRO/1000 T (82543), PRO/1000 T (82543), PRO/1000 XF (82544), PRO/1000 XT (82544), PRO/100B / EtherExpressPRO/100 B, PRO/100 MPRO/100 Mobile Cardbus (X3201), PRO/100 S, PRO/100 VE, PRO/10GbE LR, PRO/10GbE SR

I-O DATA: ET2/T-PCI, LA/T-98, LA/T-98SB, LA2/T-98, ET/T-98, LA2/T-PCI, DATA PCLATE, USB ETTX

Kawasaki: DU-H3E

Kingston: KNE100TX (21143, MII), KNE110TX (PNIC 82c169), KNE-PC2, KNE-PCM/x Ethernet, KNU101TX, KTX-9130TX 10/100

LevelOne: FPC-0106TX